

are authorized by a NPDES general permit have otherwise been eliminated from the portion of the construction site where the operator had control.

B. Addresses

1. All Notices of termination, signed in accordance with Part VI.C of this permit, are to be submitted using the form provided by the Director (or a photocopy thereof), to the address specified on the NOT form.

Part IX. Definitions

A. *Best Management Practices (BMPs)* means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States. BMPs also include treatment requirements, operating procedures, and practice to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

B. *Control Measure* as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States.

C. *Commencement of Construction* the initial disturbance of soils associated with clearing, grading, or excavating activities or other construction activities.

D. *CWA* means the Clean Water Act or the Federal Water Pollution Control Act, 33 U.S.C. section 1251 *et seq.*

E. *Director* means the Regional Administrator of the Environmental Protection Agency or an authorized representative.

F. *Discharge* when used without qualification means the "discharge of a pollutant."

G. *Discharge of Storm Water Associated with Construction Activity* as used in this permit, refers to a discharge of pollutants in storm water runoff from areas where soil disturbing activities (e.g., clearing, grading, or excavation), construction materials or equipment storage or maintenance (e.g., fill piles, borrow area, concrete truck washout, fueling), or other industrial storm water directly related to the construction process (e.g., concrete or asphalt batch plants) are located.

H. *Facility or Activity* means any NPDES "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program.

I. *Final Stabilization* means that either:

1. All soil disturbing activities at the site have been completed and a uniform

(e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed. In such parts of the country, background native vegetation will cover less than 100% of the ground (e.g., arid areas, beaches). Establishing at least 70% of the natural cover of the native vegetation meets the vegetative cover criteria for final stabilization (e.g., if the native vegetation covers 50% of the ground, 70% of 50% would require 35% total cover for final stabilization; on a beach with no natural vegetation, no stabilization is required); or

2. For individual lots in residential construction by either: (a) The homebuilder completing final stabilization as specified above, or (b) the homebuilder establishing temporary stabilization including perimeter controls for an individual lot prior to occupation of the home by the homeowner and informing the homeowner of the need for, and benefits of, final stabilization. (Homeowners typically have an incentive to put in the landscaping functionally equivalent to final stabilization as quick as possible to keep mud out of their homes and off sidewalks and driveways.); or

3. For construction projects on land used for agricultural purposes (e.g., pipelines across crop or range land), final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use. Areas disturb that were not previously used for agricultural activities, such as buffer strips immediately adjacent to "water of the United States," and area which are not being returned to their preconstruction agricultural use must meet the final stabilization criteria (1) or (2) above.

J. *Flow-Weighted Composite Sample* means a composite sample consisting of a mixture of aliquots collected at a constant time interval, where the volume of each aliquot is proportional to the flow rate of the discharge.

K. *Large and Medium Municipal Separate Storm Sewer System* means all municipal separate storm sewers that are either:

1. Located in an incorporated place (city) with a population of 100,000 or more as determined by the latest Decennial Census by the Bureau of Census (these cities are listed in Appendices F and G of 40 CFR 122); or

2. Located in the countries with unincorporated urbanized populations of 100,000 or more, except municipal separate storm sewers that are located in the incorporated places, townships or towns within such counties (these counties are listed in Appendices H and I of 40 CFR 122); or

3. Owned or operated by a municipality other than those described in paragraph (i) and (ii) and that are designated by the Director as part of the large or medium municipal separate storm sewer system.

L. *NOI* means Notice of Intent to be covered by this permit (see Part II of this permit.)

M. *NOT* means Notice of Termination (see Part VIII of this permit).

N. *Operator* for the purpose of this permit and in the context of storm water associated with construction activity, means any party associated with a construction project that meets either of the following two criteria:

1. The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or

2. The party has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a storm water pollution prevention plan for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions).

This definition is provided to inform permittees of EPA's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of storm water associated with construction activity.

O. *Owner or operator* means the owner or operator of any "facility or activity" subject to regulation under the NPDES program.

P. *Point Source* means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.

Q. *Pollutant* is defined at 40 CFR 122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials,

heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial or municipal waste.

R. *Runoff coefficient* means the fraction of total rainfall that will appear at the conveyance as runoff.

S. *Storm Water* means storm water runoff, snow melt runoff, and surface runoff and drainage.

T. *Storm Water Associated with Industrial Activity* is defined at 40 CFR 122.26(b)(14) and incorporated here by reference. Most relevant to this permit is 40 CFR 122.26(b)(14)(x), which relates to construction activity including clearing, grading and excavation activities that result in the disturbance of five (5) or more acres of total land area, or are part of a larger common plan of development or sale.

U. *Waters of the United States* means:

1. All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;

2. All interstate waters, including interstate "wetland";

3. All other waters such as interstate lakes, rivers, streams (including intermittent streams), mudflat, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:

a. Which are or could be used by interstate or foreign travelers for recreational or other purposes;

b. From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or

c. Which are used or could be used for industrial purposes by industries in interstate commerce;

4. All impoundments of waters otherwise defined as waters of the United States under this definition;

5. Tributaries of waters identified in paragraphs (a) through (d) of this definition;

6. The territorial sea; and

7. Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraph 1. through 6. of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirement of the CWA (other than cooling ponds for steam electric generation stations per 40 CFR 423) which also meet the criteria of this definition) are not waters of the United States. Waters of the United States do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted

cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

Part X. Permit Conditions Applicable to Specific States, Indian Country Lands, or Territories

The provisions of this Part provide modifications or additions to the applicable conditions of Parts I through IX of this permit to reflect specific additional conditions required as part of the State or Tribal CWA Section 401 certification process, or Coastal Zone Management Act certification process, or as otherwise established by the permitting authority. The additional revisions and requirements listed below are set forth in connection with, and only apply to, the following States, Indian Country lands and Federal facilities.

A. Region 1

1. CTR10*##I: Indian Country Lands in the State of Connecticut

No additional requirements.

2. MAR10*###: Commonwealth of Massachusetts, Except Indian Country Lands

a. Part I.B.4 is added to the permit as follows:

Special Requirements for the State of Massachusetts

a. Discharges covered by the general permit must comply with the provisions of 314 CMR 3.00, 314 CMR 4.00, 314 CMR 9.00 and 310 CMR 10.00 and any related policies promulgated under the authority of the Massachusetts Clean Waters Act, M.G.L. c.21, ss.23-56, and Wetlands Protection Act, M.G.L. c.131 s.40. Specifically, construction activities subject to this permit must comply with applicable storm water performance standards prescribed by State regulation or policy. Construction activities subject to jurisdiction under 310 CMR 10.00 must comply with an Order or Superseding Order of Conditions. An application for a permit under 314 CMR 3.00 is required only when required by 314 CMR 3.04(2)(b) or is otherwise identified in 314 CMR 3.00 or Massachusetts Department of Environmental Protection policy as a discharge requiring a permit application.

b. The Massachusetts Department of Environmental Protection may request a copy of the storm water pollution prevention plan or conduct an inspection of any facility covered by this permit to ensure compliance with

State law requirements. The Department may enforce its certification conditions.

3. MAR10*##I: Indian Country Lands in the Commonwealth of Massachusetts

No additional requirements.

4. MER10*###: State of Maine, Except Indian Country Lands

a. The following is added to the introductory section of Part IV:

The applicant for a project that does not require a permit pursuant to Maine's Storm Water Management Law, 38 MRSA 420-D due to the exemption at 38 MRSA 490-D(7)(D), must demonstrate to the satisfaction of the Maine Department of Environmental Protection (MDEP) prior to starting construction that the project meets the standards adopted pursuant to Maine's Storm Water Management Law, 38 MRSA 420-D.

b. The following is added to the introduction to Part IV, D:

For a project not requiring a permit pursuant to Maine's Storm Water Management Law, 38 MRSA 420-D, due to the exemption at 38 MRSA-D(7)(D),* the following information is provided: Maine's storm water permit application, as approved by MDEP, is considered to meet the requirements of the storm water pollution prevention plan as described in Part IV D.1, 2a, 2b, and 2c(1-5). Maine's storm water permit application is not considered to meet the requirements of Part IV D.2c(6) (threatened and endangered species and/or critical habitat), Part IV.D.3 (maintenance), Part IV.D.4. (inspection), or Part IV D.5. (non-storm water discharges).

For a project requiring a permit pursuant to Maine's Storm Water Management Law, 38 MRSA 420-D, or otherwise required to meet Maine's storm water standards adopted pursuant to 38 MRSA 420-D, the following information is provided: a permit or variance application addressing Storm water, as approved by MDEP, is considered to meet the requirements of the storm water pollution prevention plan as described in Part IV.D.1, 2a, 2b, 2c(1-5), 3 and 4. Maine's permit or variance application addressing storm water, as approved by MDEP, is not considered to meet the requirements in Part IV.D.2c(6) and (7) which address threatened and endangered species and/or critical habitat and historic sites, or Part IV.D.5 (non storm water discharges).

*A project that is exempt from the Storm Water Management Law, due to the exemption at 38 MRSA 490-D(7)(D) and some other exemptions listed at 38 MRSA 490-D(7), is not required to complete a Maine storm water permit application.

5. MER10*##I: Indian Country Lands in the State of Maine.

No additional requirements.

6. NHR10*###: State of New Hampshire, Except Indian County Lands

No additional requirements.

7. RIR10*##I: Indian Country Lands in the State of Rhode Island

No additional requirements.

8. VTR10*##F: Federal Facilities in the State of Vermont, Except Those Located on Indian Country Lands

No additional requirements.

B. Region 2

1. NYR10*##I: Indian Country Lands in the State of New York

No additional requirements.

2. PRR10*###: The Commonwealth of Puerto Rico

No additional requirements.

C. Region 3

1. DCR10*###: The District of Columbia

No additional requirements.

2. DER10*##F: Federal Facilities in the State of Delaware

No additional requirements.

D. Region 7

1. IAR10*##I: Indian Country Lands in the State of Iowa

No additional requirements.

2. KSR10*##I: Indian Country Lands in the State of Kansas

No additional requirements.

3. NER10*##I: Indian Country Lands in the State of Nebraska, Except Pine Ridge Reservation Lands (see Region 8)

No additional requirements.

E. Region 8

1. COR10*##F: Federal Facilities in the State of Colorado, Except Those Located on Indian Country Lands

No additional requirements.

2. COR10*##I: Indian Country Lands in the State of Colorado, Including the Portion of the Ute Mountain Reservation Located in New Mexico

No additional requirements.

3. MTR10*##I: Indian Country Lands in the State of Montana

a. Confederated Salish & Kootenai Tribes of the Flathead Reservation. Copies of Notices of Intent (NOI), Notices of Termination (NOT), and Storm Water Pollution Prevention Plans (SWPPPs) must be submitted to the

Confederated Salish and Kootenai Tribes' Natural Resources Department.

(1) Part II.C.2 is added to the permit as follows:

Special NOI Requirements for the Flathead Indian Reservation. NOIs shall also be submitted to the Confederated Salish and Kootenai Tribes at the same time they are submitted to EPA at the following address: Confederated Salish and Kootenai Tribes, Natural Resources Department, Department Head, P.O. Box 278, Pablo, MT 59855.

(2) Part VIII.B.2 is added to the permit as follows:

Special NOT Requirements for the Flathead Indian Reservation. NOTs shall also be submitted to the Confederated Salish and Kootenai Tribes at the same time they are submitted to EPA. NOTs are to be sent to the address given in Part II.C.2.

(3) Part IV.A.3 is added to the permit as follows:

Special Storm Water Pollution Prevention Plan Requirements for the Flathead Indian Reservation. Storm Water Pollution Prevention Plans (SWPPPs) must be submitted to the Confederated Salish and Kootenai Tribes' Natural Resources Department before a project on the Flathead Indian Reservation begins. SWPPPs are to be sent to the address given in Part II.C.2.

b. All Other Indian Country lands in Montana. No additional requirements.

4. NDR10*##I: Indian Country Lands in the State of North Dakota, Including That Portion of the Standing Rock Reservation Located in South Dakota (Except for the Lake Traverse Reservation Which is Covered Under South Dakota Permit SDR10*##I Listed Below)

No additional requirements.

5. SDR10*##I: Indian Country Lands in the State of South Dakota, Including the Portion of the Pine Ridge Reservation Located in Nebraska and the Portion of the Lake Traverse Reservation Located in North Dakota (Except for the Standing Rock Reservation Which is Covered Under North Dakota Permit NDR10*##I Listed Above)

No additional requirements.

6. UTR10*##I: Indian Country Lands in the State of Utah, Except Goshute and Navajo Reservation Lands (see Region 9)

No additional requirements.

7. WYR10*##I: Indian Country Lands in the State of Wyoming

No additional requirements.

F. Region 9

1. ASR10*###: The Island of American Samoa

No additional requirements.

2. AZR10*###: The State of Arizona, Except Indian Country Lands

a. Part II.C.2 is added to the permit as follows:

Special NOI Requirements for the State of Arizona. NOIs shall also be submitted to the State of Arizona Department of Environmental Quality at the following address: Storm Water Coordinator, Arizona Department of Environmental Quality, 3033 North Central Avenue, Phoenix, Arizona 85012.

NOIs submitted to the State of Arizona shall include the well registration number if storm water associated with industrial activity is discharged to a dry well or an injection well.

b. Part VIII.B.2 is added to the permit as follows:

Special Not Requirement for the State of Arizona. NOTs shall also be submitted to the State of Arizona Department of Environmental Quality at the following address: Storm Water Coordinator, Arizona Department of Environmental Quality, 3033 North Central Avenue, Phoenix, Arizona 85012.

3. AZR10*##I: Indian Country Lands in the State of Arizona, Including Navajo Reservation Lands in New Mexico and Utah

No additional requirements.

4. CAR10*##I: Indian Country Lands in the State of California

No additional requirements.

5. GUR10*##I: The Island of Guam

a. Part II.C.2 of the permit is added as follows:

Special NOI Requirement for Guam. NOIs shall also be submitted to the following address: Guam Environmental Protection Agency, P.O. Box 22439 GMF, Barrigada, Guam 96921.

b. Part VI.L.4 is added to the permit as follows: Special Requirement for Guam. Individual permit applications required under this section shall also be submitted to the following address: Guam Environmental Protection Agency, P.O. Box 22439 GMF, Barrigada, Guam 96921.

6. JAR10*###: Johnston Atoll

No additional requirements.

7. MWR10*###: Midway Island and Wake Island

No additional requirements.

8. NIR10*##: Commonwealth of the Northern Mariana Islands

a. Part II.A.8 of the permit is added as follows:

NOI Deadline for CNMI. The NOI submitted to the CNMI Department of Environmental Quality (DEQ) shall be postponed seven (7) calendar days prior to any storm water discharges.

b. Part II.B.4 of the permit is added as follows:

Additional Requirements for CNMI. The NOI submitted to CNMI and EPA Region 9 shall be accompanied by a letter from the CNMI DEQ approving the storm water pollution prevention plan required by Part IV of this permit.

c. Part II.C.2 of the permit is added as follows:

Special NOI Requirements for CNMI. NOIs shall also be submitted to the following addresses:

Commonwealth of the Northern Mariana Islands. Division of Environmental Quality, P.O. Box 1304, Saipan, MP 96950

EPA, Region 9, Section WTR-5, 75 Hawthorne Street, San Francisco, CA 94105

d. Part IV.A.3 of the permit is added as follows:

Special Requirements for CNMI. Storm water pollution prevention plans (SWPPPs) required by this permit shall be submitted to the CNMI DEQ for review and approval along with applicable fees associated with a 401 Water Quality Certification prior to submittal of an NOI to EPA and the CNMI DEQ. SWPPPs are to be sent to the address given in Part II.C.2.

9. NVR10*##: Indian Country Lands in the State of Nevada, including the Duck Valley Reservation in Idaho, the Fort McDermitt Reservation in Oregon and the Goshute Reservation in Utah

No additional requirements.

G. Region 10

1. AKR10*##: The State of Alaska, Except Indian Country Lands

a. Part II.C.2 is added to the permit as follows:

Special NOI Requirements for the State of Alaska. A copy of the Notice of Intent must be sent to the Department of Environmental Conservation offices as listed below:

For projects nearest to Anchorage or Fairbanks: Alaska Department of Environmental Conservation, Water Quality Permitting Section/Storm Water, 555 Cordova Street, Anchorage, AK 99501, (907) 563-6529, FAX (907) 562-4026.

For projects in southeast Alaska, nearest to Juneau: Alaska Department of

Environmental Conservation, Water Quality Permitting Section/Storm Water, 410 Willoughby Avenue, Juneau, AK 99801.

b. Part IV.A.3 is added to the permit as follows:

Special Storm Water Pollution Prevention Plan Requirements for the State of Alaska. Permittees shall obtain DEC approval of the Storm Water Pollution Prevention Plan for the construction site pursuant to 18 AAC 72.600(a). Plans are to be approved and sealed by a Professional Engineer registered in the State of Alaska, shall be submitted to the same DEC office that the Notice of Intent is sent to, and shall be accompanied by any State-required fee. A failure to secure approval as provided in this paragraph shall be deemed a violation of this general permit, but shall not prevent storm water discharges from being authorized by this general permit. (18 AAC 72.600(a), 18 AAC 72.610(a)(8), and 18 AAC 72.990(32)).

c. Part IV.D.2.b.(3) is added to the permit as follows:

Special Storm Water Management Requirements for the State of Alaska. The permittee is responsible for any post-stabilization requirements, such as the removal of pollution control devices and the control of pollutant discharges at that time, if these devices are not a permanent part of the pollution prevention controls after final stabilization.

d. Part VIII.B.2 is added to the permit as follows:

Special NOT Requirements for the State of Alaska. NOTs shall also be submitted to the State of Alaska at the same time they are submitted to EPA. NOTs are to be sent to the address given in Part II.C.2.

s. AKR10*##: Indian Country Lands in Alaska

No additional requirements.

3. IDR10*##: The State of Idaho, Except Indian Country lands

a. Part III.F is added to the permit as follows:

Special Water Quality Standard Requirements for the State of Idaho. In addition to the requirements for coverage identified in the subject permit, the Storm Water Pollution Prevention Plan (SWPPP) design and associated storm water discharge quality shall demonstrate compliance with applicable Idaho Water Quality Standards.

4. IDR10*##: Indian Country Lands in the State of Idaho, Except Duck Valley Reservation Lands (see Region 9)

No additional requirements.

5. ORR10*##: Indian Country Lands in the State of Oregon Except Fort McDermitt Reservation Lands (see Region 9)

No additional requirements.

6. WAR*##: Federal Facilities in the State of Washington, Except Those Located on Indian Country Lands

The Washington Department of Ecology includes these conditions to ensure compliance with R.W. 90.48.080 and rules referenced in the conditions above established in accordance with R.W. 90.48.035.

a. Part III.F.1 is added to the permit as follows:

Special Requirements for Federal Facilities in the State of Washington. The permittee is responsible for achieving compliance with State of Washington surface water quality standards (Chapter 173-201A WAC), sediment management standards (Chapter 173-204 WAC), ground water quality standards (Chapter 173-200 WAC), and human health based criteria in the National Toxics Rule (**Federal Register**, Vol. 57, No. 246, Dec. 22, 1992, pages 60848-609233).

b. Part III.F.2 is added to the permit as follows:

Special Ground Water Protection Requirements for Federal Facilities in the State of Washington. Diversion of storm water discharges to ground water from existing discharges to surface water shall not be authorized by this permit if this causes a violation or the potential for violation of ground water standards (Chapter 173-200 WAC). Such discharges below the surface of the ground are also regulated by the Underground Injection Control Program (Chapter 173-218 WAC).

c. Part III.F.3 is added to the permit as follows:

Special Numeric Limitations for Federal Facilities in the State of Washington.

Discharges of storm water to surface water from concrete batch or hot mix asphalt plants covered by this permit shall have an average monthly or daily maximum pH between 6.0-9.0 and a turbidity of less than 50 NTUs.

Discharges of storm water to the ground from concrete batch or hot mix asphalt plants covered by this permit shall have an average monthly or daily maximum pH between 6.5-8.5.

It needs to be reiterated that this permit does not authorize the discharge

of process water from concrete batch or hot mix asphalt plants.

d. Part III.F.4 is added to the permit as follows:

Special Requirement for Federal Facilities in the State of Washington. "Comeback Asphalt" must be contained within a lined area so that no leaching to ground or surface water can occur.

7. WAR10*#1: Indian Country Lands in the State of Washington

a. Confederated Tribes of the Chehalis Reservation. Copies of Notices of Intent (NOI) and Storm Water Pollution Prevention Plans (SWPPPs) must be submitted to the Chehalis Tribal Department of Natural Resources.

(1) Part II.C.2 is added to the permit as follows:

Special NOI Requirements for the Confederated Tribes of the Chehalis Reservation.

NOI shall also be submitted to the Confederated Tribes of the Chehalis Reservation at the same time they are submitted to EPA at the following address: Confederated Tribes of Chehalis Reservation, Department of Natural Resources, 420 Howanut Road, Oakville, WA 98568.

(2) Part IV.A.3 is added to the permit as follows:

Special Storm Water Pollution Prevention Plan Requirements for the Confederated Tribes of the Chehalis Reservation. Storm Water Pollution Prevention Plans (SWPPPs) must be submitted to the Chehalis Tribal Department of Natural Resources for review and approval prior to the beginning of any discharge activities taking place. SWPPPs are to be sent to the address given in Part II.C.2.

(3) Part III.I is added to the permit as follows:

Special Water Quality Standard Requirements for the Confederated Tribes of the Chehalis Reservation. The permittee shall be responsible for achieving compliance with Confederated Tribes of Chehalis Reservation's Water Quality Standards.

b. Puyallup Tribe of Indians. Copies of Notices of Intent (NOI) and Storm Water Pollution Prevention Plans (SWPPPs) must be submitted to the Puyallup Tribe Environmental Department.

(1) Part II.C.2 of the permit is added as follows:

Special NOI Requirements for the Puyallup Tribe of Indians. NOIs shall also be submitted to the Puyallup Tribe Environmental Department at the same time they are submitted to EPA at the following address: Puyallup Tribe Environmental Department, 2002 E. 28th St., Tacoma, WA 98404.

(2) Part IV.A.3 is added to the permit as follows:

Special Storm Water Pollution Prevention Plan Requirements for the Puyallup Tribe of Indians. Storm Water Pollution Prevention Plans (SWPPPs) must be submitted to the Puyallup Tribe Environmental Department for review and approval prior to the beginning of any discharge activities taking place. SWPPPs are to be sent to the address given in Part II.C.2.

(3) Part III.F. is added to the permit as follows:

Special Water Quality Standard Requirements for the Puyallup Tribe of Indians. Each permittee shall be responsible for achieving compliance with the Puyallup Tribe's Water Quality Standards.

c. All Other Indian Country lands in Washington. No additional requirements.

Addendum A—Endangered Species

I. Instructions for Applicants

A. Background

To meet its obligations under the Clean Water Act and the Endangered Species Act (ESA) and to promote these Acts' goals, the Environmental Protection Agency (EPA) is seeking to ensure the activities regulated by the Construction General Permit (CGP) are protective of endangered and threatened species and critical habitat. To ensure that those goals are met, applicants for CGP coverage are required under Part I.B.3.e. to assess the impacts of their storm water discharges and storm water discharge-related activities on Federally listed endangered and threatened species ("listed species") and designated critical habitat ("critical habitat") by following Steps One through Six listed below. EPA strongly recommends that applicants follow these steps at the earliest possible stage to ensure that measures to protect listed species and critical habitat are incorporated early in the planning process. At minimum, the procedures should be followed when developing the storm water pollution prevention plan.

Permittees and applicants also have an independent ESA obligation to ensure that their activities do not result in any prohibited "takes" of listed species.¹ Many of the measures required

in the CGP and in these instructions to protect species may also assist permittees in ensuring that their construction activities do not result in a prohibited take of species in violation of section 9 of the ESA. Applicants who plan construction activities in areas that harbor endangered and threatened species are advised to ensure that they are protected from potential takings liability under ESA section 9 by obtaining either an ESA section 10 permit or by requesting formal consultation under ESA section 7 (as described in more detail in Step Seven below). Applicants who seek protection from takings liability should be aware that it is possible that some specific construction activities may be too unrelated to storm water discharges to be afforded incidental take coverage through an ESA section 7 consultation that is performed to meet the eligibility requirements for CGP coverage. In such instances, applicants should apply for an ESA section 10 permit. Where applicants are not sure whether to pursue a section 10 permit or a section 7 consultation for takings protection, they should confer with the appropriate Fish and Wildlife Service (FWS) or National Marine Fisheries Service (NMFS) office.

This permit provides for the Possibility of multiple permittees at a construction site. Applicants should be aware that in many cases they can meet the permit eligibility requirements by relying on another operator's certification of eligibility under Part I.B.3.e.(2)(a), (b), or (c). This is allowed under Part I.B.3.e.(2)(d) of the permit. However, the other operator's certification must apply to the applicant's project area and must address the effects from the applicant's storm water discharges and storm water discharge-related activities on listed species and critical habitat. By certifying eligibility under Part I.B.3.e.(2)(d), the applicant agrees to comply with any measures or controls upon which the other operator's certification under Part I.B.3.e.(2)(a), (b) or (c) was based. This situation will typically occur where a developer or primary contractor, such as one for construction of a subdivision or industrial part, conducts a comprehensive assessment of effects on listed species and critical habitat for the entire construction project, certifies eligibility under Part I.B.3.e.(2)(a), (b) or (c), and that certification is relied upon by other operators (*i.e.*, contractors) at

¹ Section 9 of the ESA prohibits any person from "taking" a listed species (*e.g.*, harassing or harming it) unless: (1) The taking is authorized through a "incidental take statement" as part of undergoing ESA § 7 formal consultation; (2) where an incidental take permit is obtained under ESA § 10 (which requires the development of a habitat conservation plan); or (3) where otherwise

authorized or exempted under the ESA. This prohibition applies to all entities including private individuals, businesses, and governments.

the site. However, applicants that consider relying on another operator's certification should carefully review that certification along with any supporting information. If an applicant does not believe that the operator's certification provides adequate coverage for the applicant's storm water discharges and storm water discharge-related activities or for the applicant's particular project area, the applicant should provide its own independent certification under Part I.B.3.e.(2)(a), (b), or (c).

B. Procedures

To receive coverage under the Construction General Permit, applicants must assess the potential effects of their storm water discharges and storm water discharge-related activities on listed species and their critical habitat. To make this assessment, applicants must follow the steps outlined below prior to completing and submitting Notice of Intent (NOI) form. Applicants who are able to certify eligibility under Parts I.B.3.e.(2)(b), (c) or (d) because of a previously issued ESA section 10 permit, a previously completed ESA section 7 consultation, or because the applicant's activities were already addressed in another operator's certification of eligibility may proceed directly to Step Six.

Note—The revised NOI form which was included in the CGP (see 62 FR 29822-29823, June 2, 1997) requires that applicants provide detailed certification information on listed species. That form is still under development and is not expected to be finalized before this permit is issued. Until the revised NOI form is finalized, applicants must use the existing NOI form which does not contain the specific certification provisions relating to listed species and critical habitats at construction projects. However, use of the existing NOI form does not relieve applicants of their obligation to follow the procedures listed below to determine if their construction storm water discharges or storm water discharge-related activities meet permit eligibility requirements for the protection of listed species and critical habitat. By following these instructions, applicants will have sufficient information on listed species and critical habitat in order to complete either the existing or revised NOI form and sign the certification statement.

Step One: Determine if the Construction Site is Found Within Designated Critical Habitat for Listed Species

Some, but not all, listed species have designated critical habitat. Exact locations of such habitat is provided in the Service regulations at 50 CFR Parts 17 and 226. To determine if their construction site occurs within designated critical habitat, applicants should either:

- Contact the nearest Fish and Wildlife Service (FWS) and National Marine Fisheries Service (NMFS) Office. A list of FWS and NMFS offices is found in Section II of this Addendum; or
- Contact the State or Tribal Natural Heritage Centers. These centers compile and disseminate information on Federally listed and other protected species. They frequently have the most current information on listed species and critical habitat. A list of these centers is provided in Section III of this Addendum; or
- Review those regulations (which can be found in many larger libraries).

If the construction site is not located in designated critical habitat, then the applicant does not need to consider impacts to critical habitat when following Steps Two through Six below. If the site is located within critical habitat, then the applicant must look at impacts to critical habitat when following Steps Two through Six. Note that many but not all measures imposed to protect listed species under these steps will also protect critical habitat. Thus, meeting the eligibility requirements of this permit may require measures to protect critical habitat that are separate from those to protect listed species.

Step Two: Determine if Listed Species are Located in the County(ies) Where the Construction Activity Will Occur

Section IV of the Addendum contains a county-by-county list of listed endangered and threatened species ("listed species"), and proposed endangered and threatened species ("proposed species"). Since the list was current as of September 1, 1997, applicants must also check with other sources for updated species and county information. These sources include: Sections II and III of this Addendum; EPA's Office of Wastewater Management's web page at "<http://www.epa.gov/owm>" where updates of the county-by-county list will be posted on a periodic basis; **Federal Register** Notices; State wildlife protection offices; a biologist or similar professional in the environmental field; or any other method which can be reasonably expected to provide this information. Applicants with construction projects located in EPA Region 2 can call the Storm Water General Permits Hotline at (800) 245-6510 for further assistance, while applicants with projects located in EPA Regions 1, 3, 7, 8, 9 and 10 may contact the appropriate EPA Regional Office.

Where a facility is located in more than one county, the lists for all

counties should be reviewed. Where a facility discharges into a water body which serves as a border between counties or which crosses a county line which is in the immediate vicinity of the point of discharge, applicants should also review the species list for the county which lies immediately downstream or is across the water body from the point of discharge.

After a review of the available information from the sources mentioned above, if no listed species are located in a facility's county or if a facility's county is not listed, and the construction site is not located in critical habitat as described under Step One, an applicant is eligible for CGP coverage without further inquiry into the presence of, or effect to, listed species. The applicant must check the appropriate certification item on the revised NOI form (Part I.B.3.e.(2)(a)).

Once the applicant has determined which listed species are located in his or her facility's county, the applicant must follow Step Three.

Step Three: Determine if Any Federally Listed Endangered and Threatened Species May Be Present in the Project Area

The project area consists of:

- The areas on the construction site where storm water discharges originate and flow toward the point of discharge into the receiving waters (including areas where excavation, site development, or other ground disturbance activities occur) and the immediate vicinity.

Example(s)

1. Where bald eagles nest in a tree that is on or bordering a construction site and could be disturbed by the construction activity.

2. Where grading causes storm water to flow into a small wetland or other habitat that is on the site which contains listed species.

- The areas where storm water discharges flow from the construction site to the point of discharge into receiving waters.

Example(s)

1. Where storm water flows into a ditch, swale, or gully which leads to receiving waters and where listed species (such as amphibians) are found in the ditch, swale, or gully.

- The areas where storm water from construction activities discharge into receiving waters and the areas in the immediate vicinity of the point of discharge.

Example(s)

1. Where storm water from construction activities discharges into a

stream segment that is known to harbor listed aquatic species.

- The areas where storm water BMPs will be constructed and operated, including any areas where storm water flows to and from BMPs.

Example(s)

1. Where a storm water retention pond would be built.

The protect area will vary with the size and structure of the construction activity, the nature and quantity of the storm water discharges, the storm water discharge-related activities and the type of receiving water. Given the number of construction activities potentially covered by the CGP, no specific method to determine whether listed species may be located in the project area is required for coverage under the CGP. Instead, applicants should use the method which allows them to determine, to the best of their knowledge, whether listed species are located in their project area. These methods may include:

- Conducting visual inspections: This method may be particularly suitable for construction sites that are smaller in size or located in non-natural settings such as highly urbanized areas or industrial parks where there is little or no natural habitat, or for construction activities that discharge directly into municipal storm water collection systems.

- Contacting the nearest State or Tribal wildlife agency, the Fish and Wildlife Service (FWS), or the National Marine Fisheries Service (NMFS). Many endangered and threatened species are found in well-defined areas or habitats. Such information is frequently known to State, Tribal, or Federal wildlife agencies. A list of FWS and NMFS offices is provided in section II of this Addendum below.

- Contacting local/regional conservation groups or the State or Tribal Natural Heritage Centers (see section III of this Addendum). State and local conservation groups may have location specific listed species information. The Natural Heritage Centers inventory species and their locations and maintain lists of sightings and habitats.

- Submitting a data request to a Natural Heritage Center. Many of these centers will provide site specific information on the presence of listed species in a project area. Some of these centers will charge a fee for researching data requests.

- Conducting a formal biological survey. Larger construction sites with extensive storm water discharges may choose to conduct biological surveys as the most effective way to assess whether species are located in the project area

and whether there are likely adverse effects. Biological surveys are frequently performed by environmental consulting firms. A biological survey can be used to follow Steps Four through Six of these instructions.

- Conducting an environmental assessment under the National Environmental Policy Act (NEPA). Some construction activities may require environmental assessments under NEPA. Such assessments may indicate if listed species are in the project area. Coverage under the CGP does not trigger such an assessment because the permit does not regulate any dischargers subject to New Source Performance Standards under section 306 of the Clean Water Act, and is thus statutorily exempted from NEPA. See CWA section 511(c). However, some construction activities might require review under NEPA because of Federal funding or other Federal involvement in the project.

If no species are found in the project area, an applicant is eligible for CGP coverage. Applicants must provide the necessary certification on the revised NOI form. If listed species are found in the project area, applicants must indicate the location and nature of this presence in the storm water pollution prevention plan and follow Step Four.

Step Four: Determine if Listed Species or Critical Habitat Are Likely To Be Adversely Affected by the Construction Activity's Storm Water Discharges or Storm Water Discharge-Related Activities

To receive CGP coverage, applicants must assess whether their storm water discharges or storm water discharge-related activities are likely to adversely affect listed species or critical habitat. "Storm water discharge-related activities" include:

- Activities which cause, contribute to, or result in point source storm water pollutant discharges, including but not limited to excavation, site development, grading, and other surface disturbance activities; and

- Measures to control storm water discharges including the siting, construction, operation of best management practices (BMPs) to control, reduce or prevent storm water pollution.

Potential adverse effects from storm water discharges and storm water discharge-related activities include:

- **Hydrological.** Storm water discharges may cause siltation, sedimentation or induce other changes in receiving waters such as temperature, salinity or pH. These effects will vary with the amount of storm water

discharged and the volume and condition of the receiving water. Where a storm water discharge constitutes a minute portion of the total volume of the receiving water, adverse hydrological effects are less likely. Construction activity itself may also alter drainage patterns on a site where construction occurs which can impact listed species or critical habitat.

- **Habitat.** Excavation, site development, grading, and other surface disturbance activities from construction activities, including the installation or placement of storm water BMPs, may adversely affect listed species or their habitat. Storm water may drain or inundate listed species habitat.

- **Toxicity.** In some cases, pollutants in storm water may have toxic effects on listed species.

The scope of effects to consider will vary with each site. If the applicant is having difficulty in determining whether his or her project is likely to adversely affect a listed species or critical habitat, then the appropriate office of the FWS, NMFS or Natural Heritage Center listed in sections II and III of this Addendum should be contacted for assistance. If adverse effects are not likely, then the applicant should make the appropriate certification on the revised NOI form and apply for coverage under the permit. If adverse effects are likely, applicants must follow Step Five.

Step Five: Determine if Measures Can Be Implemented to Avoid Any Adverse Effects

If an applicant makes a preliminary determination that adverse effects are likely, it can still receive coverage under Part I.B.3.e.(2)(a) of the CGP if appropriate measures are undertaken to avoid or eliminate the likelihood of adverse effects prior to applying for permit coverage. These measures may involve relatively simple changes to construction activities such as re-routing a storm water discharge to bypass an area where species are located, relocating BMPs, or by changing the "footprint" of the construction activity. Applicants may wish to contact the FWS and/or NMFS to see what appropriate measures might be suitable to avoid or eliminate the likelihood of adverse impacts to listed species and/or critical habitat. (See 50 CFR 402.13(b)). This can entail the initiation of informal consultation with the FWS and/or NMFS which is described in more detail in Step Six.

If applicants adopt measures to avoid or eliminate adverse effects, they must continue to abide by those measures during the course of permit coverage. These measures must be described in

the storm water pollution prevention plan and may be enforceable as permit conditions. If appropriate measures to avoid the likelihood of adverse effects are not available to the applicant, the applicant must follow Step Six.

Step Six: Determine if the Eligibility Requirements of Part I.B.3.e.(2)(b)-(d) Can Be Met

Where adverse effects are likely, the applicant must contact the EPA and FWS/NMFS. Applicants may still be eligible for CGP coverage if any likely adverse effects can be addressed through meeting the criteria of Part I.B.3.e.(2)(b)-(d) of the permit. These criteria are as follows:

1. *An ESA Section 7 Consultation Is Performed for the Applicant's Activity (See Part I.B.3.e.(2)(b)).*

Formal or informal ESA section 7 consultation is performed with the FWS and/or NMFS which addresses the effects of the applicant's storm water discharges and storm water discharge-related activities on listed species and critical habitat. The formal consultation must result in either a "no jeopardy opinion" or a "jeopardy opinion" that identifies reasonable and prudent alternatives to avoid jeopardy which are to be implemented by the applicant. The informal consultation must result in a written concurrence by the Service(s) on a finding that the applicant's storm water discharge(s) and storm water discharge-related activities are not likely to adversely affect listed species or critical habitat (for informal consultation, see 50 CFR 402.13).

Most consultations are accomplished through informal consultation. By the terms of this permit, EPA has automatically designated applicants as non-Federal representatives for the purpose of conducting informal consultations. See Part I.B.3.e.(5) and 50 CFR 402.08 and 402.13. When conducting informal ESA section 7 consultation as a non-Federal representative, applicants must follow the procedures found in 50 CFR 402 of the ESA regulations.

Applicants must also notify EPA and the Services of their intention and agreement to conduct consultation as a non-Federal representative. Consultation may occur in the context of another Federal action at the construction site (e.g., where ESA section 7 consultation was performed for issuance of a wetlands dredge and fill permit for the project or where a NEPA review is performed for the project which incorporates a section 7 consultation). Any terms and conditions developed through consultations to protect listed species and critical habitat

must be incorporated into the SWPPP. As noted above, applicants may, if they wish, initiate consultation with the Services at Step Five.

Whether ESA section 7 consultation must be performed with either the FWS, NMFS or both Services depends on the listed species which may be affected by the applicant's activity. In general, NMFS has jurisdiction over marine, estuarine, and anadromous species. Applicants should also be aware that while formal section 7 consultation provides protection from incidental takings liability, informal consultation does not.

2. *An Incidental Taking Permit Under Section 10 of the ESA is Issued for the Applicant's Activity (See Part I.B.3.e.(2)(c)).*

The applicant's construction activities are authorized through the issuance of a permit under section 10 of the ESA and that authorization addresses the effects of the applicant's storm water discharge(s) and storm water discharge-related activities on listed species and critical habitat. Applicants must follow FWS and/or NMFS procedures when applying for an ESA Section 10 permit (see 50 CFR section 17.22(b)(1)(FWS) and section 222.22(NMFS)). Application instructions for section 10 permits for NMFS species can be obtained by (1) accessing the "Office of Protected Resources" sector of the NMFS Home Page at "<http://www.nmfs.gov>" or (2) by contacting the National Marine Fisheries Service, Office of Protected Resources, Endangered Species Division, F/PR3, 1315 East-West Highway, Silver Spring, Maryland 20910, telephone (301) 713-1401, fax (301) 713-0376.

3. *The Applicant is Covered Under the Eligibility Certification of Another Operator for the Project Area (See Part I.B.3.e.(2)(d)).*

The applicant's storm water discharges and storm water discharge-related activities were already addressed in another operator's certification of eligibility under Part I.B.3.e.(2)(b), or (c) which also included the applicant's project area. By certifying eligibility under Part I.B.3.e.(2)(d), the applicant agrees to comply with any measures or controls upon which the other operator's certification under Part I.B.3.e.(2)(a), (b) or (c) was based. Certification under Part I.B.3.e.(2)(d) is discussed in more detail in section I.A. of this addendum.

The applicant must comply with any terms and conditions imposed under the eligibility requirements of paragraphs I.B.3.e.(2)(a), (b), (c), (d) to ensure that its storm waters discharges and storm water discharge-related activities are

protective of listed species and/or critical habitat. Such terms and conditions must be incorporated in the project's SWPPP. If the eligibility requirements of Part I.B.3.e.(2)(a)-(d) cannot be met, then the applicant may not receive coverage under the CGP. Applicants should then consider applying to EPA for an individual permit.

II. List of Fish and Wildlife Service and National Marine Fisheries Service Offices

A. U.S. Fish and Wildlife Service Offices

National Website for Endangered Species Information

Endangered Species Home page:
<http://www.fws.gov/~r9endspp/endspp.html>.

Regional, State, Field and Project Offices

Region 1

Regional Office

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Services, 911 NE 11 Avenue, Portland, OR 97232-4181, (503) 231-6121

State, Field and Project Offices

Field Supervisor, U.S. Fish and Wildlife Service, P.O. Box 50088, 300 Ala Moana Blvd., Rm 3108, Honolulu, HI 96850

Field Supervisor, U.S. Fish and Wildlife Service, Upper Columbia R. Basin F&W Office, 11103 East Montgomery Drive, Ste 2, Spokane, WA 99306

State Supervisor, U.S. Fish and Wildlife Service, Oregon Fish and Wildlife Office, 2600 S.E. 98th Avenue, Suite 100, Portland, OR 97266

Field Supervisor, U.S. Fish and Wildlife Service, Snake River Basin F&W Office, 1387 South Vinnell Way, Room 368, Boise, ID 83709

State Supervisor, U.S. Fish and Wildlife Service, Nevada State Office, 4600 Kietzke Lane, Building C, Rm. 125, Reno, NV 89502-5093

State Supervisor, U.S. Fish and Wildlife Service, Western Washington F&W Office, 510 Desmond Dr., Suite 102, Lacey, WA 98503-1273

Field Supervisor, U.S. Fish and Wildlife Service, Klamath Falls F&W Office, 6600 Washburn Way, Klamath Falls, OR 97603

Field Supervisor, U.S. Fish and Wildlife Service, Klamath River F&W Office, 1215 South Main, Suite 212, Yreka, CA 96097-1006

Field Supervisor, U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office, 2730 Loker Avenue West, Carlsbad, CA 92008

Field Supervisor, U.S. Fish and Wildlife Service, Ventura Field Office, 2493 Portola Road, Suite B, Ventura, CA 93003

Project Leader, U.S. Fish and Wildlife Service, Coastal California Fish and

Wildlife Office, 1125 16th St., Rm. 209, Arcata, CA 95521-5582
 Project Leader, U.S. Fish and Wildlife Service, Northern Central Valley F&W Office, 10959 Tyler Road, Red Bluff, CA 96080
 State Supervisor, U.S. Fish and Wildlife Service, California State Office, 3310 El Camino Avenue, Suite 120, Sacramento, CA 95821-6340
 Field Supervisor, U.S. Fish and Wildlife Service, Sacramento Fish & Wildlife Office, 3310 El Camino Avenue, Suite 120, Sacramento, CA 95821-6340

Region 2

Regional Office

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Services, P.O. Box 1306, Albuquerque, NM 87103

State, Field, and Project Offices

Field Supervisor, U.S. Fish and Wildlife Service, Corpus Christi Field Office, 6300 Ocean Dr., Campus Box 338, Corpus Christi, TX 78412
 Field Supervisor, U.S. Fish and Wildlife Service, Arlington Field Office, 711 Stadium Dr., East, Suite 252, Arlington, TX 76011
 Field Supervisor, U.S. Fish and Wildlife Service, Clear Lake Field Office, 17629 El Camino Real, Suite 211, Houston, TX 77058
 Field Supervisor, U.S. Fish and Wildlife Service, Oklahoma Field Office, 222 S. Houston, Suite A, Tulsa, OK 74127
 Field Supervisor, U.S. Fish and Wildlife Service, New Mexico Field Office, 2105 Osuna, NE, Albuquerque, NM 87113
 Field Supervisor, U.S. Fish and Wildlife Service, Austin Ecological Serv. Field Office, 10711 Burnet Road, Suite 200, Austin, TX 78758
 Field Supervisor, U.S. Fish and Wildlife Service, Arizona State Office, 2321 W. Royal Palm Road, Suite 103, Phoenix, AZ 85021-4951

Region 3

Regional Office

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Service, BHW Federal Bldg, 1 Federal Drive, Fort Snelling, MN 55111-4056

State, Field, and Project Offices

Field Supervisor, U.S. Fish and Wildlife Service, Chicago, Illinois Field Office, 1000 Hart Rd., Suite 180, Barrington, IL 60010
 Field Supervisor, U.S. Fish and Wildlife Service, East Lansing Field Office, 2651 Coolidge Road, East Lansing, MI 48823
 Field Supervisor, U.S. Fish and Wildlife Service, Reynoldsburg Field Office, 6950 Americana Parkway, Suite H, Reynoldsburg, OH 43068-4132
 Field Supervisor, U.S. Fish and Wildlife Service, Bloomington Field Office, 620 South Walker Street, Bloomington, IN 47403-2121
 Field Supervisor, U.S. Fish and Wildlife Service, Twin Cities E.S. Field Office, 4101 East 80th Street, Bloomington, MN 55425-1665

Field Supervisor, U.S. Fish and Wildlife Service, Columbia Field Office, 608 East Cherry Street, Room 200, Columbia, MO 65201-7712
 Field Supervisor, U.S. Fish and Wildlife Service, Green Bay Field Office, 1015 Challenger Court, Green Bay, WI 54311-8331
 Field Supervisor, U.S. Fish and Wildlife Service, Rock Island Field Office, 4469 48th Avenue Court, Rock Island, IL 61201
 Field Supervisor, U.S. Fish and Wildlife Service, Marion Suboffice, Route 3, Box 328, Marion, IL 62959-4565

Region 4

Regional Office

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Services, 1875 Century Blvd., Suite 200, Atlanta, GA 30345

State, Field, and Project Offices

Field Supervisor, U.S. Fish and Wildlife Service, Panama City Field Office, 1612 June Avenue, Panama City, FL 32405-3721
 Field Supervisor, U.S. Fish and Wildlife Service, South Florida Ecosystem Field Office, 1360 U.S. Hwy 1, #5, P.O. Box 2676, Vero Beach, FL 32961-2676
 Field Supervisor, U.S. Fish and Wildlife Service, Caribbean Field Office, P.O. Box 491, Boqueron, PR 00622
 Field Supervisor, U.S. Fish and Wildlife Service, Puerto Rican Parrot Field Office, P.O. Box 1600, Rio Grande, PR 00745
 Field Supervisor, U.S. Fish and Wildlife Service, Brunswick Field Office, 4270 Norwich Street, Brunswick, GA 31520-2523
 Field Supervisor, U.S. Fish and Wildlife Service, Jacksonville Field Office, 6620 Southpoint Drive S., Suite 310, Jacksonville, FL 32216-0912
 Field Supervisor, U.S. Fish and Wildlife Service, Charleston Field Office, 217 Ft. Johnson Road, P.O. Box 12559, Charleston, SC 29422-2559
 Field Supervisor, U.S. Fish and Wildlife Service, Clemson F.O., Dept. of Forest Resources, 261 Lehotsky Hall, Box 341003, Clemson, SC 29634-1003
 Field Supervisor, U.S. Fish and Wildlife Service, Ralph Field Office, P.O. Box 33726, Raleigh, NC 27636-3726
 Field Supervisor, U.S. Fish and Wildlife Service, Cookeville Field Office, 446 Neal Street, Cookeville, TN 38501
 Field Supervisor, U.S. Fish and Wildlife Service, Asheville Field Office, 160 Zillicoa Street, Asheville, NC 28801
 Field Supervisor, U.S. Fish and Wildlife Service, Daphne Field Office, P.O. Drawer 1190, Daphne, AL 36526
 Field Supervisor, U.S. Fish and Wildlife Service, Vicksburg Field Office, 2524 S. Frontage Road, Suite B, Vicksburg, MS 39180-5269
 Field Supervisor, U.S. Fish and Wildlife Service, Lafayette Field Office, Brandywine II, Suite 102, 825 Kaliste Saloom Road, Lafayette, LA 70508
 Field Supervisor, U.S. Fish and Wildlife Service, Jackson Field Office, 6578 Dogwood View Pkwy, Suite A, Jackson, MS 39213

Region 5

Regional Office

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Services, 300 Westgate Center Drive, Hadley, MA 01035-9589

State, Field and Project Offices

Project Leader, U.S. Fish and Wildlife Service, Delaware Bay Estuary Project, 2610 Whitehall Neck Road, Smyrna, DE 19977
 Project Leader, U.S. Fish and Wildlife Service, Southern New England/NYBCE Program, Shoreline Plaza, Route 1A, P.O. Box 307, Charlestown, RI 02813
 Project Leader, U.S. Fish and Wildlife Service, Gulf of Maine Project, 4 R Fundy Road, Falmouth, ME 04105
 Project Leader, U.S. Fish and Wildlife Service, Chesapeake Bay Field Office, 177 Admiral Cochrane Drive, Annapolis, Maryland 21401
 Project Leader, U.S. Fish and Wildlife Service, Virginia Field Office, P.O. Box 99, 6669 Short Lane, Gloucester, VA 23061
 Project Leader, U.S. Fish and Wildlife Service, Southwestern Virginia Field Office, P.O. Box 2345, Abingdon, VA 24212
 Project Leader, U.S. Fish and Wildlife Service, New England Field Office, 22 Bridge St., Unit #1, Concord, New Hampshire 03301-4986
 Project Leader, U.S. Fish and Wildlife Service, Main Field Office, 1033 South Main St., Old Town, Maine 04468
 Project Leader, U.S. Fish and Wildlife Service, Rhode Island Field Office, Shoreline Plaza, Route 1A, P.O. Box 307, Charlestown, Rhode Island 02813
 Project Leader, U.S. Fish and Wildlife Service, Vermont Field Office, 11 Lincoln Street, Winston Prouty Federal Building, Essex Junction, VT 05452
 Project Leader, U.S. Fish and Wildlife Service, New Jersey Field Office, 927 North Main St., Bldg. D1, Pleasantville, New Jersey 08232
 Project Leader, U.S. Fish and Wildlife Service, New York Field Office, 3817 Luker Road, Cortland, New York 13045
 Project Leader, U.S. Fish and Wildlife Service, Long Island Field Office, P.O. Box 608, Islip, New York 11751-0608
 Project Leader, U.S. Fish and Wildlife Service, Pennsylvania Field Office, 315 S. Allen St., Suite 322, State College, Pennsylvania 16801
 Project Leader, U.S. Fish and Wildlife Service, Eastern Pennsylvania Field Office, 11 Hap Arnold Boulevard, Box H, Tobyhanna, Pennsylvania 18466-0080
 Project Leader, U.S. Fish and Wildlife Service, West Virginia Field Office, Route 250, S—Elkins Shopping Plaza, Elkins, West Virginia 26241

Region 6

Regional Office

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Services, P.O. Box 25486, DFC, Denver, CO 80225

State, Field, and Project Offices

Field Supervisor, U.S. Fish and Wildlife Service, Montana Field Office, 100 N. Park, Suite 320, Helena, MT 59601

Sub-Office Supervisor, U.S. Fish and Wildlife Service, Billings Sub-Office, 2900 4th Ave., North, Rm 301, Billings, MT 59101

Sub-Office Supervisor, U.S. Fish and Wildlife Service, Kalispell Sub-Office, 780 Creston Hatchery Road, Kalispell, MT 59901

Grizzly Bear Recovery Coordinator, U.S. Fish and Wildlife Service, Forestry Sciences Lab, University of Montana, Missoula, MT 59812

Field Supervisor, U.S. Fish and Wildlife Service, North Dakota Field Office, 1500 Capitol Avenue, Bismarck, ND 58501

Field Supervisor, U.S. Fish and Wildlife Service, Nebraska Field Office, 203 W. 2nd Street, Federal Bldg., 2nd Floor, Grand Island, NE 68801

Field Supervisor, U.S. Fish and Wildlife Service, Kansas Field Office, 315 Houston, Suite E, Manhattan, KS 66502

Field Supervisor, U.S. Fish and Wildlife Service, South Dakota Field Office, 420 S. Garfield Ave., Suite 400, Pierre, SD 57501-5408

Field Supervisor, U.S. Fish and Wildlife Service, Salt Lake City Field Office, Lincoln Plaza, 145 East 1300 South, Suite 404, Salt Lake City, UT 84115

Field Supervisor, U.S. Fish and Wildlife Service, Colorado Field Office, 730 Simms, Suite 290, Golden, CO 80401-4798

Field Supervisor, U.S. Fish and Wildlife Service, Western Colorado Field Office, 764 Horizon Drive South, Annex A, Grand Junction, CO 81506-3946

Field Supervisor, U.S. Fish and Wildlife Service, Wyoming Field Office, 4000 Morrie Avenue, Cheyenne, WY 82001

E.S. Coordinator, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, National Wildlife Area, Building 111, Commerce City, CO 80022-1748

Colorado River Recovery Coordinator, U.S. Fish and Wildlife Service, P.O. Box 25486, DFC, Denver, CO 80225

U.S. Fish and Wildlife Service, Laramie Black Footed Ferret Office, 410 Grand Ave., Suite 315, Laramie, WY 80270

Region 7*Regional Office*

Division Chief, Endangered Species, U.S. Fish and Wildlife Service, ARD Ecological Services, 1011 E. Tudor Road, Anchorage, AK 99503

State, Field, and Project Offices

Field Supervisor, U.S. Fish and Wildlife Service, Ecological Services, 605 West 4th Avenue, Room G-62, Anchorage, AK 99501

Field Supervisor, U.S. Fish and Wildlife Service, Ecological Services, 101 12th Avenue, Box 19 (Room 232), Fairbanks, AK 99701

Field Supervisor, U.S. Fish and Wildlife Service, Ketchikan Sub-office, 103 Main Street, P.O. Box 3193, Ketchikan, AK 99901

Field Supervisor, U.S. Fish and Wildlife Service, Ecological Services, 300 Vintage Blvd., Suite 201, Juneau, AK 99801

Region 8

Has not yet been created out of the other U.S. Fish and Wildlife Service Regions at the time of this posting.

Region 9

Janet Ady—Outreach, U.S. Fish and Wildlife Service, National Conservation Training Center, Route 3, Box 49, Kearneysville, WV 25430

Dan Benfield—Training, U.S. Fish and Wildlife Service, National Conservation Training Center, Route 3, Box 49, Kearneysville, WV 25430

B. National Marine Fisheries Service Offices

The National Marine Fisheries Service is a developing a database to provide county and territorial water (up to three miles offshore) information on the presence of endangered and threatened species and critical habitat. The database is projected to be available to the public early 1998. The database should be found at the "Office of Protected Resources" site on the NMFS homepage at <http://www.nmfs.gov>.

*Regional and Field Offices***Northeast Region**

Protected Resources Program, National Marine Fisheries Service, Northeast Region, One Blackburn Drive, Gloucester, Massachusetts 01930

Milford Field Office, National Marine Fisheries Service, 212 Rogers Avenue, Milford, Connecticut 06460

Oxford Field Office, National Marine Fisheries Service, 904 So. Morris Street, Oxford, Maryland 21654

Sandy Hook Field Office, James J. Howard Marine Sciences, Laboratory, National Marine Fisheries Service, 74 Magruder Road, Highlands, New Jersey 07732

Protected Species Branch, National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, Massachusetts 02543

Southeast Region

Protective Species Management Branch, National Marine Fisheries Service, Southeast Region, 9721 Executive Center Drive, St. Petersburg, Florida 33702-2432

Northwest Region

Protected Species Division, National Marine Fisheries Service, Northwest Region, 525 NE Oregon, Suite 500, Portland, Oregon 97232-2737

Boise Field Office, National Marine Fisheries Service, 1387 S. Vinnel Way, Suite 377, Boise, Idaho 83709

Olympia Field Office, National Marine Fisheries Service, 510 Desmond Drive, SE, Suite 103, Lacey, Washington 98503

Roseburg Field Office, National Marine Fisheries Service, 2900 Stewart Parkway, NW., Roseburg, Oregon 97470

Rufus Field Office, National Marine Fisheries Service, P.O. Box 67, 704 "E" 1st, Rufus, Oregon 97050

Southwest Region

Protected Species Management Division, Southwest Region, National Marine Fisheries Service, 501 West Ocean Blvd., Suite 4200, Long Beach, California 90802-4213

Arcata Field Office, National Marine Fisheries Service, 1125 16th Street, Room 209, Arcata, California 95521

Eureka Field Office, National Marine Fisheries Service, 1330 Bayshore Way, Eureka, California 95501

Pacific Island Area Field Office, National Marine Fisheries Service, 2570 Dole Street, Room 106, Honolulu, Hawaii 96822-2396

Santa Rosa Field Office, Protected Resources Program, National Marine Fisheries Service, 777 Sonoma Avenue, Room 325, Santa Rosa, California 95404

Alaska Region

Protected Resources Management Division, Alaska Region, National Marine Fisheries Service, 709 West 9th Street, Federal Building 461, P.O. Box 21767, Juneau, Alaska 99802

Anchorage Office, 222 West 7th Avenue, Box 10, Anchorage, Alaska 99513-7577

III. Natural Heritage Centers

The Natural Heritage Network comprises 85 biodiversity data centers throughout the Western Hemisphere. These centers collect, organize, and share data relating to endangered and threatened species and habitat. The network was developed to inform land-use decisions for developers, corporations, conservationists, and government agencies and is also consulted for research and educational purposes. The centers maintain a Natural Heritage Network Control Server Website (<http://www.heritage.tnc.org>) which provides website and other access to a large number of specific biodiversity centers. Some of these centers are listed below:

Alabama Natural Heritage Program

Huntingdon College, Massey Hall, 1500 East Fairview Avenue, Montgomery, AL 36106-2148, (334) 834-4519, Fax: (334) 834-5439, Internet: alnhp@wsnet.com

Alaska Natural Heritage Program

University of Alaska Anchorage, 707 A Street, Anchorage, AK 99501, 907/257-2702, Fax: 907/258-9139, Program Director: David Duffy, 257-2707, Internet: afdc1@orion.alaska.edu

Arizona Heritage Data Management System

Arizona Game & Fish Department, WM-H, 2221 W. Greenway Road, Phoenix, AZ 85023, 602/789-3612, Fax: 602/789-3928, Internet: hdms@gf.state.az.us, Internet: hdms1@gf.state.az.us

Arkansas Natural Heritage Commission

Suite 1500 Tower Building, 323 Center Street, Little Rock, AR 72201, 501/324-9150, Fax: 501/324-9618, Director: Harold K. Grimmett, -9614

California Natural Heritage Division

Department of Fish & Game, 1220 S Street,
Sacramento, CA 95814, 5916/322-2493,
Fax: 916/324-0475

Colorado Natural Heritage Program

Colorado State University, 254 General
Services Building, Fort Collins, CO 80523,
970/491-1309, Fax: 970/491-3349

Connecticut Natural Diversity Database

Natural Resources Center, Department of
Environmental Protection, 579 Elm Street,
Store Level, Hartford, CT 06106-5127, 860/
424-3540, Fax: 860/424-4058

Delaware Natural Heritage Program

Division of Fish & Wildlife, Department of
Natural Resources & Environmental
Control, 4876 Hay Point Landing Road,
Smyrna, DE 19977, 302/653-2880, Fax:
302/653-3431

District of Columbia Natural Heritage Program

13025 Riley's Lock Road, Poolesville, MD
20837, 301/427-1320, Fax: 301/427-1355

Florida Natural Areas Inventory

1018 Thomasville Road, Suite 200-C,
Tallahassee, FL 32303, 904/224-8207, Fax:
904/681-9364

Florida Natural Areas Inventory

Eglin Air Force Base, P.O. Box 1150,
Niceville, FL 32588, 904/883-6451, Fax:
904/682-8381

Georgia Natural Heritage Program

Wildlife Resources Division, Georgia
Department of Natural Resources, 2117
U.S. Highway 278 S.E., Social Circle, GA
30279, 706/557-3032 or 770/918-6411,
Fax: 706/557-3033 or 706/557-3040,
Internet: natural
_heritage@mail.dnr.state.ga.us

Hawaii Natural Heritage Program

The Nature Conservancy of Hawaii, 1116
Smith Street, Suite 201, Honolulu, HI
96817, 808/537-4508, Fax: 808/545-2019

Idaho Conservation Data Center

Department of Fish & Game, 600 South
Walnut Street, Box 25, Boise, ID 83707-
0025, 208/334-3402, Fax: 208/334-2114

Illinois Natural Heritage Division

Department of Natural Resources, Division of
Natural Heritage, 524 South Second Street,
Springfield, IL 62701-1787, 217/785-8774,
Fax: 217/785-8277

Illinois Nature Preserves Commission

Director: Carolyn Grosboll, Deputy Dir/
Steward: Randy Heidorn, Deputy Dir/
Protect: Don McFall, Office Specialist:
Karen Tish, 217/785-8774, Fax: 217/785-
8277

Indiana Natural Heritage Data Center

Division of Nature Preserves, Department of
Natural Resources, 402 West Washington
Street, Room W267, Indianapolis, IN
46204, 317/232-4052, Fax: 317/233-0133

Iowa Natural Areas Inventory

Department of Natural Resources, Wallace
State Office Building, Des Moines, IA
50319-0034, Fax: 515/281-6794,
Coordinator/Zoologist: Daryl Howell, 515/
281-8524

Kansas Natural Heritage Inventory

Kansas Biological Survey, 2041 Constant
Avenue, Lawrence, KS 66047-2906, 913/
864-3453, Fax: 913/864-5093

Kentucky Natural Heritage Program

Kentucky State Nature Preserves,
Commission, 801 Schenkel Lane,
Frankfort, KY 40601, 502/573-2886, Fax:
502/573-2355

Louisiana Natural Heritage Program

Department of Wildlife & Fisheries, P.O. Box
98000, Baton Rouge, LA 70898 9000, 504/
765-2821, Fax: 504/765-2607

Maine Natural Areas Program

Department of Conservation, (FedEx/UPS:
159 Hospital Street), 93 State House
Station, Augusta, ME 04333-0093, 207/
287-8044, Fax: 207/287-8040, Internet:
mnapp@state.me.us, Web site: <http://www.state.me.us/doc/mnapp/home.htm>

Maryland Heritage & Biodiversity Conservation Programs

Department of Natural Resources, Tawes
State Office Building, E-1, Annapolis, MD
21401, 410/260-8540, Fax: 410/260-8595,
Web site: <http://www.heritage.tnc.org/nhp/us/md/>

Massachusetts Natural Heritage & Endangered Species Program

Division of Fisheries & Wildlife, Route 135,
Westborough, MA 01581, 508/792-7270
ext. 200, Fax: 508/792-7275

Michigan Natural Features Inventory

Mason Building, 5th floor, (FedEx/UPS: 530
W. Allegan, 48933), Box 30444, Lansing,
MI 48909-7944, 517/373-1552, Fax: 517/
373-6705, Director: Leni Wilsman, 373-
7565, Internet:
wilsmanl@wildlife.dnr.state.mi.us

Minnesota Natural Heritage & Nongame Research

Department of Natural Resources, 500
Lafayette Road, Box 7, St Paul, MN 55155,
612/297-4964, Fax: 612/297-4961

Mississippi Natural Heritage Program

Museum of Natural Science, 111 North
Jefferson Street, Jackson, MS 39201-2897,
601/354-7303, Fax: 601/354-7227

Missouri Natural Heritage Database

Missouri Department of Conservation, P.O.
Box 180, (FedEx: 2901 West Truman Blvd),
Jefferson City, MO 65102-0180, 573/751-
4115, Fax: 573/526-5582

Montana Natural Heritage Program

State Library Building, 1515 E. 6th Avenue,
Helena, MT 59620, 406/444-3009, Fax:
406/444-0581, Internet:
mtnhp@nris.msl.mt.gov, Homepage/World
Wide Web: <http://nris.msl.mt.gov/mtnhp/nhp-dir.html>

Navajo Natural Heritage Program

P.O. Box 1480, Window Rock, Navajo Nation,
AZ 86515, (520) 871-7603, (520) 871-7069
(Fax)

Nebraska Natural Heritage Program

Game and Parks Commission, 2200 North
33rd Street, P.O. Box 30370, Lincoln, NE
68503, 402/471-5421, Fax: 402/471-5528

Nevada Natural Heritage Program

Department of Conservation & Natural
Resources, 1550 E. College Parkway, Suite
145, Carson City, NV 89706-7921, 702/
687-4245, Fax: 702/885-0868

New Hampshire Natural Heritage Inventory

Department of Resources & Economic
Development, 172 Pembroke Street, P.O.
Box 1856, Concord, NH 03302, 603/271-
3623, Fax: 603/271-2629

New York Natural Heritage Program

Department of Environmental Conservation,
700 Troy-Schenectady Road, Latham, NY
12110-2400, 518/783-3932, Fax: 518/783-
3916, Computer: 518/783-3946

North Carolina Heritage Program

NC Department of Environment, Health &
Natural Resources, Division of Parks &
Recreation, P.O. Box 27687, Raleigh, NC
27611-7687, 919-733-4181, Fax: 919/715-
3085

North Dakota Natural Heritage Inventory

North Dakota Parks & Recreation Department,
1835 Bismarck Expressway, Bismarck, ND
58504, 701/328-5357, Fax: 701/328-5363

Ohio Natural Heritage Data Base

Division of Natural Areas & Preserves,
Department of Natural Resources, 1889
Fountain Square, Building F-1, Columbus,
OH 43224, 614/265-6453, Fax: 614/267-
3096

Oklahoma Natural Heritage Inventory

Oklahoma Biological Survey, 111 East
Chesapeake Street, University of
Oklahoma, Norman, OK 73019-0575, 405/
325-1985, Fax: 405/325-7702, Web site:
<http://obssun02.uoknor.edu/biosurvey/onhi/home.html>

Oregon Natural Heritage Program

Oregon Field Office, 821 SE 14th Avenue,
Portland, OR 97214, 503/731-3070, 230-
1221, Fax: 503/230-9639

Pennsylvania Natural Diversity Inventory (East, West, Central)

**Pennsylvania Natural Diversity Inventory--
East*

The Nature Conservancy, 34 Airport Drive,
Middletown, PA 17057, 717/948-3962,
Fax: 717/948-3957

**Pennsylvania Natural Diversity Inventory--
West*

Western Pennsylvania Conservancy, Natural
Areas Program, 316 Fourth Avenue,
Pittsburgh, PA 15222, 412/288-2777, Fax:
412/281-1792

***Pennsylvania Natural Diversity Inventory—Central**

Bureau of Forestry, P.O. Box 8552,
Harrisburg, PA 17105-8552, 717/783-0388,
Fax: 717/783-5109

Puerto Rico Natural Heritage Program

Division de Patrimonio Natural, Area de
Planificacion Integral, Departamento de
Recursos Naturales y Ambientales de
Puerto Rico, P.O. Box 5887, Puerta de
Tierra, Puerto Rico 00906, Tel: 787-722-
1726, Fax: 787-725-9526

Rhode Island Natural Heritage Program

Department of Environmental Management,
Division of Planning & Development, 83
Park Street, Providence, RI 02903, 401/
277-2776, x4308, Fax: 401/277-2069

South Carolina Heritage Trust

SC Department of Natural Resources, P.O.
Box 167, Columbia, SC 29202, 803/734-
3893, Fax: 803/734-6310 (Call first)

South Dakota Natural Heritage Data Base

SD Department of Game, Fish & Parks,
Wildlife Division, 523 E. Capitol Avenue,
Pierre, SD 57501-3182, 605/773-4227, Fax:
605/773-6224

Tennessee Division of Natural Heritage

Department of Environment & Conservation,
401 Church Street, Life and Casualty
Tower, 8th Floor, Nashville, TN 37243-
0447, 615/532-0431, Fax: 615/532-0614

Texas Biological and Conservation Data System

3000 South IH-35, Suite 100, Austin, TX
78704, 512/912-7011, Fax: 512/912-7058

U.S. Virgin Islands Conservation Data Center

Eastern Caribbean Center, University of the
Virgin Islands, No. 2 John Brewers Bay, St.
Thomas, VI 00802, (809) 693-1030 [Voice],
(809) 693-1025 [Fax], Home Page:
cdc.uvi.edu, E-Mail: dbarry@uvi.edu

Utah Natural Heritage Program

Division of Wildlife Resources, 1596 West
North Temple, Salt Lake City, UT 84116,
801/538-4761, Fax: 801/538-4709

Vermont Nongame & Natural Heritage Program

Vermont Fish & Wildlife Department, 103 S.
Main Street, 10 South, Waterbury, VT
05671-0501, 802/241-3700, Fax: 802/241-
3295

Virginia Division of Natural Heritage

Department of Conservation & Recreation,
Main Street Station, 1500 E. Main Street,
Suite 312, Richmond, VA 23219, 804/786-
7951, Fax: 804/371-2674

Washington Natural Heritage Program

Department of Natural Resources, (FedEx:
1111 Washington Street, SE), P.O. Box
47016, Olympia, WA 98504-7016, 360/
902-1340, Fax: 360/902-1783

West Virginia Natural Heritage Program

Department of Natural Resources, Operations
Center, Ward Road, P.O. Box 67, Elkins,
WV 26241, 304/637-0245, Fax: 304/637-
0250

Wisconsin Natural Heritage Program

Endangered Resources, Department of
Natural Resources, 101 S. Webster Street,
Box 7921, Madison, WI 53707, 608/266-
7012, Fax: 608/266-2925

Wyoming Natural Diversity Database

1604 Grand Avenue, Suite 2, Laramie, WY
82070, 307/745-5026, Fax: 307/745-5026
(Call first), Internet: "wyndd@lariat.org"

IV. COUNTY/SPECIES LIST

[The following list identifies federally listed or proposed U.S. species by State and County. It has been updated through September 1, 1997. **Note:** Species listed below with a status of both E and T are generally either endangered or threatened within the specified county. The assignment of two status designations for a species in a specific county is a function of the data set used to develop this list. For purposes of this permit, however, the obligation to assess the impact of storm water discharges on listed species does not vary based on which of the two statuses (e.g., endangered threatened) is assigned (see Addendum A Instructions). Designation of critical habitat (CH) does not mean that the county constitutes critical habitat, only that critical habitat has been designated for that species (see Addendum A Instructions).]

State/County	Group name	Inverse name	Scientific name	Action/ Status
ALASKA				
ALEUTIAN ISLANDS	BIRDS	GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
ALEUTIAN ISLANDS	PLANTS	FERN, ALEUTIAN SHIELD	Polystichum aleuticum	L, E
ALEUTIANS, EAST	BIRDS	EIDER, STELLER'S	Polysticta stelleri	L, T
ALEUTIANS, WEST	BIRDS	EIDER, STELLER'S	Polysticta stelleri	L, T
ANCHORAGE AREA	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
FAIRBANKS AREA	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
KENAI PENINSULA	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
MATANUSKA SUSITNA	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
NORTH SLOPE	BIRDS	CURLEW, ESKIMO	Numenius borealis	L, E
		EIDER, SPECTACLED	Somateria fischeri	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
NORTHWEST ARCTIC	BIRDS	EIDER, SPECTACLED	Somateria fischeri	L, T
UNORGANIZED BOROUGH	BIRDS	EIDER, SPECTACLED	Somateria fischeri	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
AMERICAN SAMOA				
AMERICAN SAMOA	REPTILES	TURTLE, GREEN SEA	Chelonia mydas	L, E, T
		TURTLE, HAWKSBILL SEA	Eretmochelys imbricata	L, E, CH
ARIZONA				
APACHE	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		OWL, MEXICAN SPOTTED	Strix occidentalis lucida	L, T, CH
	FISHES	MINNOW, LOACH	Tiaroga cobitis	L, T, CH
		SPINEDACE, LITTLE COLORADO	Lepidomeda vittata	L, T, CH
		TROUT, APACHE	Salmo apache	L, T
	PLANTS	FLEABANE, ZUNI	Erigeron rhizomatus	L, T
		SEDGE, NAVAJO	Carex specuicola	L, T, CH
COCHISE	AMPHIBIANS	SALAMANDER, SONORA TIGER	Ambystoma tigrinum	L, E
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, NORTHERN APLOMADO	Falco femoralis septentrionalis	L, E
		FALCON, PEREGRINE	Falco peregrinus	L, E
		FLYCATCHER, SOUTHWESTERN WILLOW	Empidonax traillii extimus	L, E
		OWL, MEXICAN SPOTTED	Strix occidentalis lucida	L, T, CH
	FISHES	CATFISH, YAQUI	Ictalurus pricei	L, T, CH
		CHUB, YAQUI	Gila purpurea	L, E, CH
		PUPFISH, DESERT	Cyprinodon macularius	L, E, CH
		SHINER, BEAUTIFUL	Notropis formosus	L, T, CH
		TOPMINNOW, GILA (YAQUI)	Poeciliopsis occidentalis	L, E

IV. COUNTY/SPECIES LIST—Continued

[The following list identifies federally listed or proposed U.S. species by State and County. It has been updated through September 1, 1997. **Note:** Species listed below with a status of both E and T are generally either endangered or threatened within the specified county. The assignment of two status designations for a species in a specific county is a function of the data set used to develop this list. For purposes of this permit, however, the obligation to assess the impact of storm water discharges on listed species does not vary based on which of the two statuses (e.g., endangered threatened) is assigned (see Addendum A Instructions). Designation of critical habitat (CH) does not mean that the county constitutes critical habitat, only that critical habitat has been designated for that species (see Addendum A Instructions).]

State/County	Group name	Inverse name	Scientific name	Action/Status
COCONINO	MAMMALS	BAT, LESSER (=SANBORN'S) LONG-NOSED	Leptonycteris sanborni	L, E
		JAGUARUNDI	Felis yagouaroundi tolteca	L, E
		OCELOT	Felis pardalis	L, E
	PLANTS	WOLF, GRAY	Canis lupus	L, E, T, CH
		CACTUS, COCHISE PINCUSHION	Coryphantha robbinsorum (=Cochiseia r. Escobaria r.)	L, T
		LADIES'-TRESSES, CANELO HILLS	Spiranthes delitescens	P, E
	REPTILES	RATTLESNAKE, NEW MEXICAN RIDGE-NOSED	Crotalus willardi obscurus	L, T, CH
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
	FISHES	OWL, MEXICAN SPOTTED	Strix occidentalis lucida	L, T, CH
		CHUB, HUMPBAC	Gila cypha	L, E, CH
		SPINEDACE, LITTLE COLORADO	Lepidomeda vittata	L, T
	MAMMALS	SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
		VOLE, HUALAPAI MEXICAN	Microtus mexicanus hualpaiensis	L, E
GILA	PLANTS	CACTUS, BRADY PINCUSHION	Pediocactus bradyi	L, E
		CACTUS, SILER PINCUSHION	Pediocactus sileri	L, T
		GROUNDSEL, SAN FRANCISCO PEAKS	Senecio franciscanus	L, T, CH
	MAMMALS	MILK-VETCH, SENTRY	Astragalus cremnophyllax var cremnophyllax	L, E
		MILKWEED, WELSH'S	Asclepias welshii	L, T, CH
		SEDGE, NAVAJO	Carex specuicola	L, T, CH
	SNAILS	AMBERSNAIL, KANAB	Oxyloma haydeni kanabensis	L, E
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		FLYCATCHER, SOUTHWESTERN WILLOW	Empidonax traillii eximius	L, E
	FISHES	MINNOW, LOACH	Tiaroga cobitis	L, T, CH
		SQUAWFISH, COLORADO	Ptychocheilus lucius	L, E, CH
		SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
GRAHAM	PLANTS	TOPMINNOW, GILA (YAQUI)	Poeciliopsis occidentalis	L, E
		AGAVE, ARIZONA	Agave arizonica	L, E
		CACTUS, ARIZONA HEDGEHOG	Echinocereus triglochidiatus var arizonicus	L, E
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		OWL, MEXICAN SPOTTED	Strix occidentalis lucida	L, T, CH
	FISHES	PYGMY-OWL, CACTUS FERRUGINOUS	Glaucidiumbrasilianum cactorum	L, E
		MINNOW, LOACH	Tiaroga cobitis	L, T, CH
		PUPFISH, DESERT	Cyprinodon macularius	L, E, CH
	MAMMALS	SPIKEDACE	Meda fulgida	L, T, CH
		SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
		TOPMINNOW, GILA (YAQUI)	Poeciliopsis occidentalis	L, E
GREENLEE	PLANTS	TROUT, APACHE	Salmo apache	L, T
		BAT, LESSER (=SANBORN'S) LONG-NOSED	Leptonycteris sanborni	L, E
		JAGUARUNDI	Felis yagouaroundi tolteca	L, E
	MAMMALS	OCELOT	Felis pardalis	L, E
		SQUIRREL, MOUNT GRAHAM RED	Tamiasciurus hudsonicus grahamensis	L, E, CH
		CLIFFROSE, ARIZONA	Cowania subintegra	L, E
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		OWL, MEXICAN SPOTTED	Strix occidentalis lucida	L, T, CH
	FISHES	MINNOW, LOACH	Tiaroga cobitis	L, T, CH
		SPIKEDACE	Meda fulgida	L, T, CH
		SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
LA PAZ	BIRDS	TROUT, APACHE	Salmo apache	L, T
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
		RAIL, YUMA CLAPPER	Rallus longirostris yumanensis	L, E
	FISHES	CHUB, BONYTAIL	Gila elegans	L, E, CH
		PUPFISH, DESERT	Cyprinodon macularius	L, E, CH
		SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
MARICOPA	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		OWL, MEXICAN SPOTTED	Strix occidentalis lucida	L, T, CH
	FISHES	PYGMY-OWL, CACTUS FERRUGINOUS	Glaucidiumbrasilianum cactorum	L, E
		RAIL, YUMA CLAPPER	Rallus longirostris yumanensis	L, E
		PUPFISH, DESERT	Cyprinodon macularius	L, E, CH
	MAMMALS	TOPMINNOW, GILA (YAQUI)	Poeciliopsis occidentalis	L, E
		BAT, LESSER (=SANBORN'S) LONG-NOSED	Leptonycteris sanborni	L, E
		PRONGHORN, SONORAN	Antilocapra americana sonoriensis	L, E
	PLANTS	AGAVE, ARIZONA	Agave arizonica	L, E
		CACTUS, ARIZONA HEDGEHOG	Echinocereus triglochidiatus var arizonicus	L, E
		CLIFFROSE, ARIZONA	Cowania subintegra	L, E

IV. COUNTY/SPECIES LIST—Continued

[The following list identifies federally listed or proposed U.S. species by State and County. It has been updated through September 1, 1997. Note: Species listed below with a status of both E and T are generally either endangered or threatened within the specified county. The assignment of two status designations for a species in a specific county is a function of the data set used to develop this list. For purposes of this permit, however, the obligation to assess the impact of storm water discharges on listed species does not vary based on which of the two statuses (e.g., endangered threatened) is assigned (see Addendum A Instructions). Designation of critical habitat (CH) does not mean that the county constitutes critical habitat, only that critical habitat has been designated for that species (see Addendum A Instructions).]

State/County	Group name	Inverse name	Scientific name	Action/ Status
MOHAVE	BIRDS	EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
		FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
		OWL, MEXICAN SPOTTED	<i>Strix occidentalis lucida</i>	L, T, CH
		RAIL, YUMA CLAPPER	<i>Rallus longirostris yumanensis</i>	L, E
	FISHES	CHUB, BONYTAIL	<i>Gila elegans</i>	L, E, CH
		CHUB, HUMPBAC	<i>Gila cypha</i>	L, E, CH
		CHUB, VIRGIN RIVER	<i>Gila robusta seminuda</i>	L, E
		SUCKER, RAZORBACK	<i>Xyrauchen texanus</i>	L, E, CH
	MAMMALS	VOLE, HUALAPAI MEXICAN	<i>Microtus mexicanus hualpaiensis</i>	L, E
	PLANTS	CACTUS, SILER PINCUSHION	<i>Pediocactus sileri</i>	L, T
		CLIFFROSE, ARIZONA	<i>Cowania subintegra</i>	L, E
		CYCLADENIA, JONES	<i>Cycladenia humilis var jonesii</i>	L, T
		TORTOISE, DESERT	<i>Gopherus (=Xerobates, =Scaptochelys) agassizii</i>	L, T, CH
	SNAILS	AMBERSNAIL, KANAB	<i>Oxyloma haydeni kanabensis</i>	L, E
NAVAJO	BIRDS	EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
		FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
		OWL, MEXICAN SPOTTED	<i>Strix occidentalis lucida</i>	L, T, CH
		CHUB, HUMPBAC	<i>Gila cypha</i>	L, E, CH
	FISHES	MINNOW, LOACH	<i>Tiaroga cobitis</i>	L, T, CH
		SPINEDACE, LITTLE COLORADO	<i>Lepidomeda vittata</i>	L, T
		TROUT, APACHE	<i>Salmo apache</i>	L, T
		JAGUAR	<i>Panthera onca</i>	L, E
	MAMMALS	CACTUS, PEEBLES NAVAJO	<i>Pediocactus peeblesianus var peeblesianus</i>	L, E
	PLANTS	GRASS, PARISH'S ALKALI	<i>Puccinellia parishii</i>	P, E
		SEDGE, NAVAJO	<i>Carex specuicola</i>	L, T, CH
		BOBWHITE, MASKED	<i>Colinus virginianus ridgwayi</i>	L, E
		EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
PIMA	BIRDS	FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
		OWL, MEXICAN SPOTTED	<i>Strix occidentalis lucida</i>	L, T, CH
		PYGMY-OWL, CACTUS FERRUGINOUS	<i>Glaucidium brasilianum cactorum</i>	L, E
		PUPFISH, DESERT	<i>Cyprinodon macularius</i>	L, E, CH
	FISHES	TOPMINNOW, GILA (YAQUI)	<i>Poeciliopsis occidentalis</i>	L, E
		BAT, LESSER (=SANBORN'S) LONG-NOSED	<i>Leptonycteris sanborni</i>	L, E
		PRONGHORN, SONORAN	<i>Antilocapra americana sonoriensis</i>	L, E
		BLUE-STAR, KEARNEY'S	<i>Amsonia kearneyana</i>	L, E
	PLANTS	CACTUS, NICHOL'S TURK'S HEAD	<i>Echinocactus horizonthalonius var nicholii</i>	L, E
		CACTUS, PIMA PINEAPPLE	<i>Coryphantha scheeri var robustispina</i>	L, E
		TALUSSNAIL, SAN XAVIER	<i>Sonorella eremita</i>	L, E
		EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
PINAL	BIRDS	FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
		PYGMY-OWL, CACTUS FERRUGINOUS	<i>Glaucidium brasilianum cactorum</i>	L, E
		RAIL, YUMA CLAPPER	<i>Rallus longirostris yumanensis</i>	L, E
		MINNOW, LOACH	<i>Tiaroga cobitis</i>	L, T, CH
	FISHES	PUPFISH, DESERT	<i>Cyprinodon macularius</i>	L, E, CH
		SPIKEDACE	<i>Meda fulgida</i>	L, T, CH
		SUCKER, RAZORBACK	<i>Xyrauchen texanus</i>	L, E, CH
		TOPMINNOW, GILA (YAQUI)	<i>Poeciliopsis occidentalis</i>	L, E
	MAMMALS	BAT, LESSER (=SANBORN'S) LONG-NOSED	<i>Leptonycteris sanborni</i>	L, E
		CACTUS, ARIZONA HEDGEHOG	<i>Echinocereus triglochidiatus var arizonicus</i>	L, E
		CACTUS, NICHOL'S TURK'S HEAD	<i>Echinocactus horizonthalonius var nicholii</i>	L, E
		SALAMANDER, SONORA TIGER	<i>Ambystoma tigrinum</i>	L, E
SANTA CRUZ	AMPHIBIANS	EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
	BIRDS	FALCON, NORTHERN APLOMADO	<i>Falco femoralis septentrionalis</i>	L, E
		FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
		FLYCATCHER, SOUTHWESTERN WILLOW	<i>Empidonax traillii extimus</i>	L, E
	FISHES	OWL, MEXICAN SPOTTED	<i>Strix occidentalis lucida</i>	L, T, CH
		PYGMY-OWL, CACTUS FERRUGINOUS	<i>Glaucidium brasilianum cactorum</i>	L, E
		CHUB, SONORA	<i>Gila ditaenia</i>	L, T, CH
		TOPMINNOW, GILA (YAQUI)	<i>Poeciliopsis occidentalis</i>	L, E
	MAMMALS	BAT, LESSER (=SANBORN'S) LONG-NOSED	<i>Leptonycteris sanborni</i>	L, E
		OCELOT	<i>Felis pardalis</i>	L, E
		CACTUS, PIMA PINEAPPLE	<i>Coryphantha scheeri var robustispina</i>	L, E
		LADIES'-TRESSES, CANELO HILLS	<i>Spiranthes delitescens</i>	P, E
YAVAPAI	BIRDS	UMBEL, HUACHUCA WATER	<i>Lilaeopsis schaffneriana ssp recuva</i>	L, E
		EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
		FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
		OWL, MEXICAN SPOTTED	<i>Strix occidentalis lucida</i>	L, T, CH
	FISHES	PUPFISH, DESERT	<i>Cyprinodon macularius</i>	L, E, CH
		SPIKEDACE	<i>Meda fulgida</i>	L, T, CH
		SQUAWFISH, COLORADO	<i>Ptychocheilus lucius</i>	L, E, CH

IV. COUNTY/SPECIES LIST—Continued

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State/County	Group name	Inverse name	Scientific name	Action/Status
YUMA	PLANTS	SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
		TOPMINNOW, GILA (YAQUI)	Poeciliopsis occidentalis	L, E
		TROUT, GILA	Salmo gilae	L, E
	BIRDS	AGAVE, ARIZONA	Agave arizonica	L, E
		CLIFFROSE, ARIZONA	Cowania subintegra	L, E
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
	FISHES	FALCON, PEREGRINE	Falco peregrinus	L, E
		PELICAN, BROWN	Pelicanus occidentalis	L, E
		RAIL, YUMA CLAPPER	Rallus longirostris yumanensis	L, E
	MAMMALS	SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
		BAT, LESSER (=SANBORN'S) LONG-NOSED	Leptonycteris sanborni	L, E
CALIFORNIA	REPTILES	PRONGHORN, SONORAN	Antilocapra americana sonoriensis	L, E
		LIZARD, FLAT-TAILED HORNED	Phrynosoma mcallii	P, T
ALAMEDA	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
		PELICAN, BROWN	Pelicanus occidentalis	L, E
		PLOVER, WESTERN SNOWY	Charadrius alexandrinus nivosus	L, T
	CRUSTACEAN	RAIL, CALIFORNIA CLAPPER	Rallus longirostris obsoletus	L, E
		TERN, CALIFORNIA LEAST	Sterna antillarum browni	L, E
		LINDERIELLA, CALIFORNIA	Linderiella occidentalis	P, E
	FISHES	SHRIMP, LONGHORN FAIRY	Branchinecta longiantenna	L, E
		SHRIMP, VERNAL POOL FAIRY	Branchinecta lynchi	L, T
		GOBY, TIDEWATER	Eucyclogobius newberryi	L, E
	INSECTS	BUTTERFLY, BAY CHECKERSPOT	Euphydryas editha bayensis	L, T
		FOX, SAN JOAQUIN KIT	Vulpes macrotis mutica	L, E
	MAMMALS	MOUSE, SALT MARSH HARVEST	Reithrodontomys raviventris	L, E
ALPINE	PLANTS	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E
		CLARKIA, PRESIDIO	Clarkia franciscana	L, E
		DUDLEYA, SANTA CLARA VALLEY	Dudleya setchellii	L, E
	CRUSTACEAN	FIDDLENECK, LARGE-FLOWERED	Amsinckia grandiflora	L, E, CH
		GOLDFIELDS, CONTRA COSTA	Lasthenia conjugens	L, E
		MANZANITA, PALLID	Arctostaphylos pallida	P, T
	REPTILES	MANZANITA, PALLID	Arctostaphylos pallida	P, T
		NAVARRETIA, FEW-FLOWERED	Navarretia leucocephala ssp. pauciflora	L, E
		NAVARRETIA, MANY-FLOWERED	Navarretia leucocephala ssp. pleiantha	L, E
	FISHES	STONECROP, LAKE COUNTY	Parvisedum leiocarpum	L, E
		WHIPSNAKE, ALAMEDA	Masticophis lateralis euryxanthus	P, E
AMADOR	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
		TROUT, LAHONTAN CUTTHROAT	Salmo clarki henshawi	L, T
		TROUT, PAIUTE CUTTHROAT	Salmo clarki seleniris	L, T
	PLANTS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		BUCKWHEAT, IONE	Eriogonum apricum	P, E
	CRUSTACEAN	BUCKWHEAT, IONE	Eriogonum apricum	P, E
		MANZANITA, IONE	Arctostaphylos myrtifolia	P, T
		MANZANITA, IONE	Arctostaphylos myrtifolia	P, T
	FISHES	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
BUTTE	BIRDS	GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		SHRIMP, CONSERVANCY FAIRY	Branchinecta conservatio	L, E
		SHRIMP, VERNAL POOL TADPOLE	Lepidurus packardii	L, E
	CRUSTACEAN	SALMON, CHINOOK (SACRAMENTO RIVER WINTER RUN)	Oncorhynchus tshawytscha	L, E, CH
		STEELHEAD, CALIFORNIA CENTRAL VALLEY POP.	Oncorhynchus mykiss, (Central Valley ESU)	P, E
		BEETLE, VALLEY ELDERBERRY LONG-HORN	Desmocerus californicus dimorphus	L, T, CH
	PLANTS	MEADOWFOAM, BUTTE COUNTY	Limnanthes floccosa ssp. californica	L, E
		SPURGE, HOOVER'S	Chamaesyce hooveri	L, T
		TUCTORIA, GREEN'S	Tuctoria greenii	L, E
	REPTILES	SNAKE, GIANT GARTER	Thamnophis gigas	L, T
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
CALAVERAS	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
		SHRIMP, VERNAL POOL TADPOLE	Lepidurus packardii	L, E
		MANZANITA, IONE	Arctostaphylos myrtifolia	P, T
	CRUSTACEAN	MANZANITA, IONE	Arctostaphylos myrtifolia	P, T
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
	FISHES	GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH
		SHRIMP, VERNAL POOL TADPOLE	Lepidurus packardii	L, E
	CRUSTACEAN	STEELHEAD, CALIFORNIA CENTRAL VALLEY POP.	Oncorhynchus mykiss, (Central Valley ESU)	P, E
		STEELHEAD, CALIFORNIA CENTRAL VALLEY POP.	Oncorhynchus mykiss, (Central Valley ESU)	P, E

IV. COUNTY/SPECIES LIST—Continued

[The following list identifies federally listed or proposed U.S. species by State and County. It has been updated through September 1, 1997. Note: Species listed below with a status of both E and T are generally either endangered or threatened within the specified county. The assignment of two status designations for a species in a specific county is a function of the data set used to develop this list. For purposes of this permit, however, the obligation to assess the impact of storm water discharges on listed species does not vary based on which of the two statuses (e.g., endangered threatened) is assigned (see Addendum A Instructions). Designation of critical habitat (CH) does not mean that the county constitutes critical habitat, only that critical habitat has been designated for that species (see Addendum A Instructions).]

State/County	Group name	Inverse name	Scientific name	Action/ Status	
CONTRA COSTA	INSECTS	BEETLE, VALLEY ELDERBERRY LONG-HORN	Desmocerus californicus dimorphus	L, T, CH	
	PLANTS	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E	
	REPTILES	SNAKE, GIANT GARTER	Thamnophis gigas	L, T	
	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E	
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T	
		PELICAN, BROWN	Pelicanus occidentalis	L, E	
		RAIL, CALIFORNIA CLAPPER	Rallus longirostris obsoletus	L, E	
	CRUSTACEAN	TERN, CALIFORNIA LEAST	Sterna antillarum browni	L, E	
		LINDERIELLA, CALIFORNIA	Linderiella occidentalis	P, E	
		SHRIMP, LONGHORN FAIRY	Branchinecta longiantenna	L, E	
		SHRIMP, VERNAL POOL FAIRY	Branchinecta lynchi	L, T	
	FISHES	GOBY, TIDEWATER	Eucyclogobius newberryi	L, E	
		SALMON, CHINOOK (SACRAMENTO RIVER WINTER RUN)	Oncorhynchus tshawytscha	L, E, CH	
		STEELHEAD, CALIFORNIA CENTRAL VALLEY POP	Oncorhynchus mykiss, (Central Valley ESU)	P, E	
		INSECTS	BUTTERFLY, BAY CHECKERSPOT	Euphydryas editha bayensis	L, T
COWLITZ	INSECTS	BUTTERFLY, LANGE'S METALMARK	Apodemia mormo langei	L, E	
	MAMMALS	FOX, SAN JOAQUIN KIT	Vulpes macrotis mutica	L, E	
		MOUSE, SALT MARSH HARVEST	Reithrodontomys raviventris	L, E	
	PLANTS	DUDLEYA, SANTA CLARA VALLEY	Dudleya setchellii	L, E	
		EVENING-PRIMROSE, ANTIOCH DUNES	Oenothera deltoides ssp. howellii	L, E, CH	
		FIDDLENECK, LARGE-FLOWERED	Amsinckia grandiflora	L, E, CH	
		GOLDFIELDS, CONTRA COSTA	Lasthenia conjugens	L, E	
	FISHES	MANZANITA, PALLID	Arctostaphylos pallida	P, T	
		MANZANITA, PALLID	Arctostaphylos pallida	P, T	
		NAVARRETIA, FEW-FLOWERED	Navaretia leucocephala ssp. pauciflora	L, E	
		NAVARRETIA, MANY-FLOWERED	Navaretia leucocephala ssp. plieantha	L, E	
	REPTILES	STONECROP, LAKE COUNTY	Parvisedum leiocarpum	L, E	
		WALLFLOWER, CONTRA COSTA	Erysimum capitatum var angustatum	L, E, CH	
		WHIPSNAKE, ALAMEDA	Masticophis lateralis euryxanthus	P, E	
		STEELHEAD, LOWER COLUMBIA RIVER POPULATION	Oncorhynchus mykiss, (Lower Columbia ESU)	P, T	
DEL NORTE	STEELHEAD, LOWER COLUMBIA RIVER POPULATION	Oncorhynchus mykiss, (Lower Columbia ESU)	P, T		
	AMPHIBIANS	FROG, CALIFORNIA RED-LEGGED	Rana Aurora Draytonii	L, T	
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T	
		FALCON, PEREGRINE	Falco peregrinus	L, E	
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T	
		MURRELET, MARBLED	Brachyramphus marmoratus	L, T, CH	
	FISHES	OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH	
		PELICAN, BROWN	Pelicanus occidentalis	L, E	
		PLOVER, WESTERN SNOWY	Charadrius alexandrinus nivosus	L, T	
		GOBY, TIDEWATER	Eucyclogobius newberryi	L, E	
	EL DORADO	SALMON, COHO (SOUTHERN OR/NORTHERN CA COAST)	Oncorhynchus kisutch	L, T	
		INSECTS	BUTTERFLY, OREGON SILVERSPOT	Speyeria zerene hippolyta	L, T, CH
		PLANTS	WALLFLOWER, MENZIE'S	Erysimum menziesii	L, E
		BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
			FALCON, PEREGRINE	Falco peregrinus	L, E
CRUSTACEAN		SHRIMP, VERNAL POOL TADPOLE	Lepidurus packardii	L, E	
FISHES		TROUT, LAHONTAN CUTTHROAT	Salmo clarki henshawi	L, T	
INSECTS		BEETLE, VALLEY ELDERBERRY LONG-HORN	Desmocerus californicus dimorphus	L, T, CH	
FRESNO		PLANTS	BEDSTRAW, EL DORADO	Galium californicum ssp. Sierrae	L, E
		BIRDS	BUTTERWEED, LAYNE'S	Senecio layneae	L, T
			CEANOTHUS, PINE HILL	Ceanothus roderickii	L, E
			FLANNELBUSH, PINE HILL	Fremontodendron californicum ssp. decumbens	L, E
			MORNING-GLORY, STEBBINS	Calystegia stebbinsii	L, E
		ADOBE SUNBURST, SAN JOAQUIN	Pseudobahia peirsonii	L, T	
		FISHES	EAGLE, BALD	Haliaeetus leucocephalus	L, T
	FALCON, PEREGRINE		Falco peregrinus	L, E	
	FISHES	TROUT, LITTLE KERN GOLDEN	Salmo aguabonita whitei	L, T, CH	
		TROUT, PAIUTE CUTTHROAT	Salmo clarki selenitis	L, T	
	INSECTS	BEETLE, VALLEY ELDERBERRY LONG-HORN	Desmocerus californicus dimorphus	L, T, CH	
	MAMMALS	FOX, SAN JOAQUIN KIT	Vulpes macrotis mutica	L, E	
		KANGAROO RAT, FRESNO	Dipodomys nitratoides exilis	L, E, CH	
		KANGAROO RAT, GIANT	Dipodomys ingens	L, E	
		RAT, FRESNO KANGAROO	Dipodomys nitratoides exilis	L, E, CH	
RAT, GIANT KANGAROO		Dipodomys ingens	L, E		
BIRD'S-BEAK, PALMATE-BRACTED		Cordylanthus palmatus	L, E		
PLANTS		BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E	
		BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E	
		BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E	
		BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E	
	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E		
	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E		
	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E		
	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E		
	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E		
	BIRD'S-BEAK, PALMATE-BRACTED	Cordylanthus palmatus	L, E		

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State/County	Group name	Inverse name	Scientific name	Action Status
GLENN	REPTILES	CARPENTERIA	Carpenteria californica	P, T
		DUDLEYA, SANTA CLARA VALLEY	Dudleya setchellii	L, E
		GOLDEN SUNBURST, HARTWEG'S	Pseudobahia bahifolia	L, E
		JEWELFLOWER, CALIFORNIA	Caulanthus californicus	L, E
		OWL'S-CLOVER, FLESHY	Castilleja campestris ssp. succulenta	L, E
		PUSSYPAWS, MARIPOSA	Calyptidium pulchellum	P, E
		WOOLLY-STAR, HOOVER'S	Eriastrum hooveri	L, T
		WOOLLY-THREADS, SAN JOAQUIN	Lembertia congdonii	L, E
		LIZARD, BLUNT-NOSED LEOPARD	Gambelia (crotaphytus) silus	L, E
		SNAKE, GIANT GARTER	Thamnophis gigas	L, T
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
	BIRDS	GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		MURRELET, MARBLED	Brachyramphus marmoratus	L, T, CH
		OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH
		SHRIMP, VERNAL POOL TADPOLE	Lepidurus packardii	L, E
	CRUSTACEAN	SALMON, CHINOOK (SACRAMENTO RIVER WINTER RUN)	Oncorhynchus tshawytscha	L, E, CH
		STEELHEAD, CALIFORNIA CENTRAL VALLEY POP.	Oncorhynchus mykiss, (Central Valley ESU)	P, E
	INSECTS	BEE, VALLEY ELDERBERRY LONG-HORN	Desmocerus californicus dimorphus	L, T, CH
	PLANTS	GRASS, HAIRY ORCUTT	Orcuttia pilosa	L, E
		SPURGE, HOOVER'S	Chamaesyce hooveri	L, T
	REPTILES	SNAKE, GIANT GARTER	Thamnophis gigas	L, T
HOKE	PLANTS	ADOBE SUNBURST, SAN JOAQUIN	Pseudobahia peirsonii	L, T
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
HUMBOLDT	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		MURRELET, MARBLED	Brachyramphus marmoratus	L, T, CH
		OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH
	FISHES	PELICAN, BROWN	Pelicanus occidentalis	L, E
		PLOVER, WESTERN SNOWY	Charadrius alexandrinus nivosus	L, T
		GOBY, TIDEWATER	Eucyclogobius newberryi	L, E
		SALMON, COHO (CENTRAL CALIFORNIA COAST POP.)	Oncorhynchus kisutch	L, E
	PLANTS	SALMON, COHO (SOUTHERN OR/NORTHERN CA COAST)	Oncorhynchus kisutch	L, T
		STEELHEAD, NORTHERN CALIFORNIA POPULATION	Oncorhynchus mykiss, (Northern California ESU)	P, T
		LAYIA, BEACH	Layia carnosa	L, E
		LILY, WESTERN	Lilium occidentale	L, E
	REPTILES	WALLFLOWER, MENZIE'S	Erysimum menziesii	L, E
		TURTLE, OLIVE (PACIFIC) RIDLEY SEA	Lepidochelys olivacea	L, E, T
IMPERIAL	AMPHIBIANS	TOAD, ARROYO SOUTHWESTERN	Bufo microscaphus californicus	L, E
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		PELICAN, BROWN	Pelicanus occidentalis	L, E
	FISHES	RAIL, YUMA CLAPPER	Rallus longirostris yumanensis	L, E
		CHUB, BONYTAIL	Gila elegans	L, E, CH
		PUPFISH, DESERT	Cyprinodon macularius	L, E, CH
		SQUAWFISH, COLORADO	Ptychocheilus lucius	L, E, CH
	PLANTS	SUCKER, RAZORBACK	Xyrauchen texanus	L, E, CH
		MILK-VETCH, PIERSON'S	Astragalus magdalenae var. piersonii	P, E
	REPTILES	LIZARD, FLAT-TAILED HORNED	Phrynosoma mcallii	P, T
	REPTILES	TORTOISE, DESERT	Gopherus (=Xerobates, =Scaptochelys) agassizii	L, T, CH
INYO	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		TOWHEE, INYO BROWN	Pipilo fuscus eremophilus	L, T, CH
	FISHES	VIREO, LEAST BELL'S	Vireo bellii pusillus	L, E, CH
		CHUB, OWENS TUI	Gila bicolor snyderi	L, E, CH
		DACE, ASH MEADOWS SPECKLED	Rhinichthys osculus nevadensis	L, E, CH
		PUPFISH, OWENS	Cyprinodon radiosus	L, E
	MAMMALS	TROUT, LAHONTAN CUTTHROAT	Salmo clarki henshawi	L, T
		VOLE, AMARGOSA	Microtus californicus scirpensis	L, E, CH
		CENTAURY, SPRING-LOVING	Centaurium namophilum var. namophilum	L, T, CH
		EVENING-PRIMROSE, EUREKA VALLEY	Oenothera avita ssp. eurekaensis	L, E
	PLANTS	GRASS, EUREKA DUNE	Swallenia alexandrae	L, E
		GUMPLANT, ASH MEADOWS	Grindelia fraxino-pratensis	L, T, CH
		IVESIA, ASH MEADOWS	Ivesia eremica	L, T, CH
		MILK-VETCH, FISH SLOUGH	Astragalus lentiginosus var. piscinensis	P, E

IV. COUNTY/SPECIES LIST—Continued

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State/County	Group name	Inverse name	Scientific name	Action/Status
KERN	REPTILES	MILK-VETCH, SHINING	Astragalus lentiginosus var. micans	P, T
		MILK-VETCH, SODAVILLE	Astragalus lentiginosus var. sesquimetralis	P, T
		NITERWORT, AMARGOSA	Nitrophila mohavensis	L, E, CH
		TORTOISE, DESERT	Gopherus (=Xerobates, =Scaptochelys) agassizii	L, T, CH
	BIRDS	CONDOR, CALIFORNIA	Gymnogyps californianus	L, E, CH
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		FLYCATCHER, SOUTHWESTERN WILLOW	Empidonax traillii extimus	L, E
	INSECTS	VIREO, LEAST BELL'S	Vireo bellii pusillus	L, E, CH
		MOTH, KERN PRIMROSE SPHINX	Euproserpinus euterpe	L, T
	MAMMALS	FOX, SAN JOAQUIN KIT	Vulpes macrotis mutica	L, E
		KANGAROO RAT, GIANT	Dipodomys ingens	L, E
		KANGAROO RAT, TIPTON	Dipodomys nitratoides	L, E
		RAT, GIANT KANGAROO	Dipodomys ingens	L, E
	PLANTS	RAT, TIPTON KANGAROO	Dipodomys nitratoides	L, E
		CACTUS, BAKERSFIELD	Opuntia treleasei	L, E
		GRASS, PARISH'S ALKALI	Puccinellia parishii	P, E
		JEWELFLOWER, CALIFORNIA	Caulanthus californicus	L, E
	REPTILES	LILY, GREENHORN ADOBE	Fritillaria striata	P, T
		MALLOW, KERN	Eremalche kernensis	L, E
		MONKEY-FLOWER, KELSO CREEK	Mimulus shevockii	P, E
		NAVARRETIA, PIUTE MOUNTAINS	Navaretia setiloba	P, T
KINGS	BIRDS	WOOLLY-STAR, HOOVER'S	Eriastrum hooveri	L, T
		WOOLLY-THREADS, SAN JOAQUIN	Lembertia congdonii	L, E
		LIZARD, BLUNT-NOSED LEOPARD	Gambelia (Crotaphytus) silus	L, E
		TORTOISE, DESERT	Gopherus (=Xerobates, =Scaptochelys) agassizii	L, T, CH
	MAMMALS	FALCON, PEREGRINE	Falco peregrinus	L, E
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		FOX, SAN JOAQUIN KIT	Vulpes macrotis mutica	L, E
		KANGAROO RAT, FRESNO	Dipodomys nitratoides exilis	L, E, CH
	PLANTS	KANGAROO RAT, GIANT	Dipodomys ingens	L, E
		KANGAROO RAT, TIPTON	Dipodomys nitratoides	L, E
		RAT, FRESNO KANGAROO	Dipodomys nitratoides exilis	L, E, CH
		RAT, GIANT KANGAROO	Dipodomys ingens	L, E
		RAT, TIPTON KANGAROO	Dipodomys nitratoides	L, E
	REPTILES	JEWELFLOWER, CALIFORNIA	Caulanthus californicus	L, E
		WOOLLY-STAR, HOOVER'S	Eriastrum hooveri	L, T
		WOOLLY-THREADS, SAN JOAQUIN	Lembertia congdonii	L, E
		LIZARD, BLUNT-NOSED LEOPARD	Gambelia (Crotaphytus) silus	L, E
LAKE	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
	FISHES	MURRELET, MARBLED	Brachyramphus marmoratus	L, T, CH
		OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH
	PLANTS	SPLITTAIL, SACRAMENTO	Pogonichthys macrolepidotus	P, T
		COYOTE-THISTLE, LOCH LOMOND	Eryngium constancei	L, T
		GOLDFIELDS, BURKE'S	Lasthenia burkei	L, E
		GRASS, SLENDER ORCUTT	Orcuttia tenuis	L, T
LASSEN	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
	FISHES	OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH
		SUCKER, MODOC	Catostomus microps	L, E, CH
LOS ANGELES	PLANTS	CEANOTHUS, VAIL LAKE	Ceanothus ophiocylus	P, T
		MOUNTAIN-MAHOGANY, CATALINA ISLAND	Cercarpus traskiae	L, E
	BIRDS	MOUNTAIN-MAHOGANY, CATALINA ISLAND	Cercarpus traskiae	L, E
		RUSH-ROSE, ISLAND	Helianthemum greenii	L, T
		RUSH-ROSE, ISLAND	Helianthemum greenii	L, T
		SANDWORT, MARSH	Arenaria paludicola	L, E
	PLANTS	WOODLAND-STAR, SAN CLEMENTE ISLAND	Lithophragma maximum	L, E
		WOODLAND-STAR, SAN CLEMENTE ISLAND	Lithophragma maximum	L, E
		TOAD, ARROYO SOUTHWESTERN	Bufo microscaphus californicus	L, E
		CONDOR, CALIFORNIA	Gymnogyps californianus	L, E, CH
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
		FLYCATCHER, SOUTHWESTERN WILLOW	Empidonax traillii extimus	L, E
		GNATCATCHER, COASTAL CALIFORNIA	Poliophtia californica californica	L, T
	AMPHIBIANS	MURRELET, MARBLED	Brachyramphus marmoratus	L, T, CH
		PELICAN, BROWN	Pelicanus occidentalis	L, E
		PLOVER, WESTERN SNOWY	Charadrius alexandrinus nivosus	L, T

IV. COUNTY/SPECIES LIST—Continued

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State/County	Group name	Inverse name	Scientific name	Action/Status
MADERA	FISHES	RAIL, LIGHT-FOOTED CLAPPER	<i>Rallus longirostris levipes</i>	L, E
		SHRIKE, SAN CLEMENTE LOGGERHEAD	<i>Lanius ludovicianus mearnsi</i>	L, E
		SPARROW, SAN CLEMENTE SAGE	<i>Amphispiza belli clementeae</i>	L, T
		TERN, CALIFORNIA LEAST	<i>Sterna antillarum browni</i>	L, E
		VIREO, LEAST BELL'S	<i>Vireo bellii pusillus</i>	L, E, CH
		CHUB, MOHAVE TUI	<i>Gila bicolor mohavensis</i>	L, E
		GOBY, TIDEWATER	<i>Eucyclogobius newberryi</i>	L, E
		STEELHEAD, SOUTHERN CALIFORNIA POPULATION.	<i>Oncorhynchus mykiss</i> , (Southern California ESU)	L, E
		STEELHEAD, SOUTHERN CALIFORNIA POPULATION.	<i>Oncorhynchus mykiss</i> , (Southern California ESU)	L, E
		STICKLEBACK, UNARMED THREE-SPINE.	<i>Gasterosteus aculeatus williamsoni</i>	L, E
	INSECTS	BUTTERFLY, EL SEGUNDO BLUE	<i>Euphilotes (=Shijimiaeoides) battoides allyni</i>	L, E
	MAMMALS	BUTTERFLY, PALOS VERDES BLUE	<i>Glaucomys lygdamus palosverdesensis</i>	L, E, CH
		FOX, SAN JOAQUIN KIT	<i>Vulpes macrotis mutica</i>	L, E
	PLANTS	MOUSE, PACIFIC POCKET	<i>Perognathus longimembris pacificus</i>	L, E
		BARBERRY, NEVIN'S	<i>Berberis nevinii</i>	P, T
		BARBERRY, NEVIN'S	<i>Berberis nevinii</i>	P, T
		BEARGRASS, DEHESA	<i>Nolina interrata</i>	P, T
		BEARGRASS, DEHESA	<i>Nolina interrata</i>	P, T
		BIRD'S-BEAK, SALT MARSH	<i>Cordylanthus maritimus ssp. maritimus</i>	L, E
		BRODIAEA, THREAD-LEAVED	<i>Brodiaea filifolia</i>	P, T
		BROOM, SAN CLEMENTE ISLAND	<i>Lotus dendroideus ssp. traskiae</i>	L, E
		BUSH-MALLOW, SAN CLEMENTE ISLAND	<i>Malacothamnus clementinus</i>	L, E
		CEANOTHUS, VAIL LAKE	<i>Ceanothus ophiOchilus</i>	P, T
		CROWNSCALE, SAN JACINTO VALLEY	<i>Atriplex coronata var. notatior</i>	P, E
		DUDLEYA, MARCESCENT	<i>Dudleya cymosa ssp. marcescens</i>	L, T
		DUDLEYA, SANTA MONICA MOUNTAINS	<i>Dudleya cymosa ssp. ovatifolia</i>	L, T
		FLANNELBUSH, MEXICAN	<i>Fremontodendron mexicanum</i>	P, T
		LARKSPUR, SAN CLEMENTE ISLAND	<i>Delphinium kinkiense</i>	L, E
		MILK-VETCH, BRAUNTON'S	<i>Astragalus brauntonii</i>	L, E
		NAVARRETIA, SPREADING	<i>Navarretia fossalis</i>	P, T
		ONION, MUNZ'S	<i>Allium munzii</i>	P, E
		PAINTBRUSH, SAN CLEMENTE ISLAND INDIAN.	<i>Castilleja grisea</i>	L, E
		PENTACHAETA, LYON'S	<i>Pentachaeta lyonii</i>	P, E
		SPINEFLOWER, SLENDER-HORNED	<i>Centrostegia leptoceras</i>	L, E
		WATERCRESS, GAMBEL'S	<i>Rorippa gambellii</i>	L, E
	REPTILES	LIZARD, BLUNT-NOSED LEOPARD	<i>Gambelia (Crotaphytus) silus</i>	L, E
		LIZARD, ISLAND NIGHT	<i>Xantusia (Klauberina) riversiana</i>	L, T
		TORTOISE, DESERT	<i>Gopherus (=Xerobates, =Scaptochelys) agassizii</i>	L, T, CH
	PLANTS	ADOBE SUNBURST, SAN JOAQUIN	<i>Pseudobahia peirsonii</i>	L, T
	BIRDS	EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	L, T
		FALCON, PEREGRINE	<i>Falco peregrinus</i>	L, E
	FISHES	TROUT, LAHONTAN CUTTHROAT	<i>Salmo clarki henshawi</i>	L, T
		TROUT, PAIUTE CUTTHROAT	<i>Salmo clarki seleniris</i>	L, T
	INSECTS	BEEBLE, VALLEY ELDERBERRY LONG-HORN.	<i>Desmocerus californicus dimorphus</i>	L, T, CH
	MAMMALS	FOX, SAN JOAQUIN KIT	<i>Vulpes macrotis mutica</i>	L, E
		RAT, FRESNO KANGAROO	<i>Dipodomys nitratoides exilis</i>	L, E, CH
	PLANTS	BIRD'S-BEAK, PALMATE-BRACTED	<i>Cordylanthus palmatus</i>	L, E
		GOLDEN SUNBURST, HARTWEG'S	<i>Pseudobahia bahiifolia</i>	L, E
		GRASS, HAIRY ORCUTT	<i>Orcuttia pilosa</i>	L, E
		LUPINE, CLOVER	<i>Lupinus tidestromii</i>	L, E
		OWL'S-CLOVER, FLESHY	<i>Castilleja campestris ssp. succulenta</i>	L, E
		PUSSYPAWS, MARIPOSA	<i>Calyptidium pulchellum</i>	P, E
	REPTILES	LIZARD, BLUNT-NOSED LEOPARD	<i>Gambelia (Crotaphytus) silus</i>	L, E
	AMPHIBIANS	FROG, CALIFORNIA RED-LEGGED	<i>Rana Aurora Draytonii</i>	L, T
		FALCON, PEREGRINE	<i>Haliaeetus leucocephalus</i>	L, T
	BIRDS	MURRELET, MARBLED	<i>Falco peregrinus</i>	L, E
		OWL, NORTHERN SPOTTED	<i>Brachyramphus marmoratus</i>	L, T, CH
		PELICAN, BROWN	<i>Strix occidentalis caurina</i>	L, T, CH
		PLOVER, WESTERN SNOWY	<i>Pelicanus occidentalis</i>	L, E
		RAIL, CALIFORNIA CLAPPER	<i>Charadrius alexandrinus nivosus</i>	L, T
		SHRIMP, CALIFORNIA FRESHWATER	<i>Rallus longirostris obsoletus</i>	L, E
	CRUSTACEAN	GOBY, TIDEWATER	<i>Syncaris pacifica</i>	L, E
	FISHES	SALMON, CHINOOK (SACRAMENTO RIVER WINTER RUN).	<i>Eucyclogobius newberryi</i>	L, E
		SALMON, COHO (CENTRAL CALIFORNIA COAST POP).	<i>Oncorhynchus tshawytscha</i>	L, E, CH
		STEELHEAD, CENTRAL CALIFORNIA POPULATION.	<i>Oncorhynchus kisutch</i>	L, E
		STEELHEAD, CENTRAL CALIFORNIA POPULATION.	<i>Oncorhynchus mykiss</i> , (Central California Coast ESU).	L, T
MARIN	BIRDS	RAIL, CALIFORNIA CLAPPER	<i>Rallus longirostris obsoletus</i>	L, E
		SHRIMP, CALIFORNIA FRESHWATER	<i>Syncaris pacifica</i>	L, E

IV. COUNTY/SPECIES LIST—Continued

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State/County	Group name	Inverse name	Scientific name	Action/Status
MARIPOSA	INSECTS	STEELHEAD, CENTRAL CALIFORNIA POPULATION	Oncorhynchus mykiss, (Central California Coast ESU)	L, T
		BUTTERFLY, MISSION BLUE	Icaricia icarioides missionensis	L, E
		BUTTERFLY, MYRTLE'S SILVERSPOT	Speyeria zerene myrtilae	L, E
	MAMMALS	MOUSE, SALT MARSH HARVEST	Reithrodontomys raviventris	L, E
		ALLOECARYA, CALISTOGA	Plagiobothrys strictus	P, E
	PLANTS	ALOPECURUS, SONOMA	Alopecurus aequalis var. sonomensis	P, E
		BLUEGRASS, NAPA	Poa napensis	P, E
		CHECKER-MALLOW, KENWOOD MARSH	Sidalcea oregana ssp. valida	P, E
		CLARKIA, VINE HILL	Clarkia imbricata	P, E
		CLOVER, SHOWY INDIAN	Trifolium amoenum	P, E
		CLOVER, SHOWY INDIAN	Trifolium amoenum	P, E
		DWARF-FLAX, MARIN	Hesperolinon congestum	L, T
		JEWELFLOWER, TIBURON	Streptanthus niger	P, E
		LARKSPUR, BAKER'S	Delphinium bakeri	P, E
		LARKSPUR, BAKER'S	Delphinium bakeri	P, E
		LAYIA, BEACH	Layia carnosa	L, E
		LILY, PITKIN MARSH	Lilium pitkinense	P, E
		LUPINE, CLOVER	Lupinus tidestromii	L, E
		MILK-VETCH, CLARA HUNT'S	Astragalus clarianus	P, E
		PAINTBRUSH, TIBURON	Castilleja affinis ssp. neglecta	L, E
		PAINTBRUSH, TIBURON	Castilleja affinis ssp. neglecta	L, E
		PENTACHAETA, WHITE-RAYED	Pentachaeta bellidiflora	L, E
		SEDGE, WHITE	Carex albida	P, E
		SPINEFLOWER, SONOMA	Chorizanthe valida	L, E
	BIRDS	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
	INSECTS	BEE, VALLEY ELDERBERRY LONG-HORN	Desmoceris californicus dimorphus	L, T, CH
		LUPINE, MARIPOSA	Lupinus citrinus var. deflexus	P, E
	PLANTS	PUSSYPAWS, MARIPOSA	Calyptidium pulchellum	P, E
		EAGLE, BALD	Haliaeetus leucocephalus	L, T
MENDOCINO	BIRDS	FALCON, PEREGRINE	Falco peregrinus	L, E
		GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		MURRELET, MARBLED	Brachyramphus marmoratus	L, T, CH
		OWL, NORTHERN SPOTTED	Strix occidentalis caurina	L, T, CH
		PELICAN, BROWN	Pelicanus occidentalis	L, E
		PLOVER, WESTERN SNOWY	Charadrius alexandrinus nivosus	L, T
		GOBY, TIDEWATER	Eucyclogobius newberryi	L, E
		STEELHEAD, NORTHERN CALIFORNIA POPULATION	Oncorhynchus mykiss, (Northern California ESU)	P, T
	INSECTS	BUTTERFLY, BEHREN'S SILVERSPOT	Speyeria zerene behrensii	P, E
		BUTTERFLY, LOTIS BLUE	Lycaeides argyrognomon lotis	L, E
	MAMMALS	BEAVER, POINT ARENA MOUNTAIN	Apodonta rufa nigra	L, E
		GOLDFIELDS, BURKE'S	Lasthenia burkei	L, E
	PLANTS	GOLDFIELDS, CONTRA COSTA	Lasthenia conjugens	L, E
		NAVARRETIA, FEW-FLOWERED	Navarretia leucocephala ssp. pauciflora	L, E
		NAVARRETIA, MANY-FLOWERED	Navarretia leucocephala ssp. pliantha	L, E
		ROCK-CRESS, MCDONALD'S	Arabis mcdonaldiana	L, E
		SPINEFLOWER, HOWELL'S	Chorizanthe howellii	L, E
		STONECROP, LAKE COUNTY	Parvisedum leiocarpum	L, E
		WALLFLOWER, MENZIE'S	Erysimum menziesii	L, E
		TURTLE, OLIVE (PACIFIC) RIDLEY SEA	Lepidochelys olivacea	L, E, T
	REPTILES	EAGLE, BALD	Haliaeetus leucocephalus	L, T
		FALCON, PEREGRINE	Falco peregrinus	L, E
MERCED	BIRDS	GOOSE, ALEUTIAN CANADA	Branta canadensis leucopareia	L, T
		LINDERIELLA, CALIFORNIA	Linderiella occidentalis	P, E
	CRUSTACEAN	SHRIMP, CONSERVANCY FAIRY	Brancinecta conservatio	L, E
		SHRIMP, VERNAL POOL FAIRY	Branchinecta lynchi	L, T
	FISHES	STEELHEAD, CALIFORNIA CENTRAL VALLEY POP.	Oncorhynchus mykiss, (Central Valley ESU)	P, E
		BEE, VALLEY ELDERBERRY LONG-HORN	Desmoceris californicus dimorphus	L, T, CH
	MAMMALS	FOX, SAN JOAQUIN KIT	Vulpes macrotis mutica	L, E
		KANGAROO RAT, FRESNO	Dipodomys nitratoides exilis	L, E, CH
		KANGAROO RAT, GIANT	Dipodomys ingens	L, E
		RAT, FRESNO KANGAROO	Dipodomys nitratoides exilis	L, E, CH
		RAT, GIANT KANGAROO	Dipodomys ingens	L, E
	PLANTS	GRASS, COLUSA	Neostapfia colusana	L, T
		GRASS, HAIRY ORCUTT	Orcuttia pilosa	L, E
		OWL'S-CLOVER, FLESHY	Castilleja campestris ssp. succulenta	L, E
		TUCTORIA, GREEN'S	Tuctoria greenei	L, E
		LIZARD, BLUNT-NOSED LEOPARD	Gambelia (Crotaphytus) silus	L, E
	REPTILES	SNAKE, GIANT GARTER	Thamnophis gigas	L, T